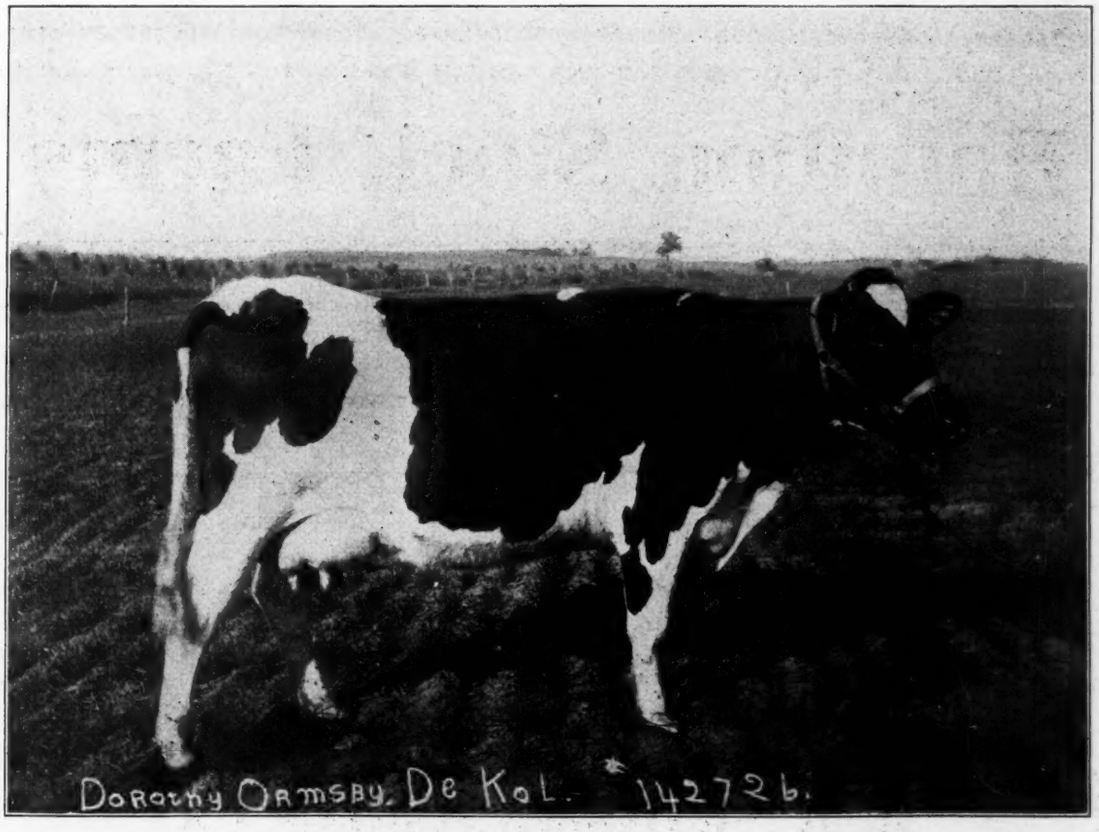
HOLSTEIN-FRIESIAN WORLD

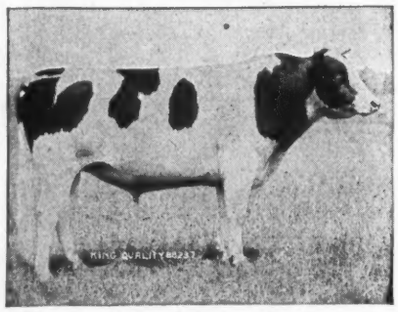
WESTERN EDITION

VOL. IV. MADISON, WISCONSIN, MAY 15, 1915. NO. 10.



DOROTHY ORMSBY DE KOL 142726
Holds Indiana State Record. Owner, J. W. Sherburne, Crown Point, Ind.
See article inside.

MORE PROOF



KING QUALITY

of the inherent quality of King Quality. Colantha Hamilton, a sister of King Quality and a daughter of King Colantha Clothilde, has just passed the 30 lb. mark as a jr.-3-yr.-old.

Addie De Kol Hartog 2d, a three-quarter sister to King Quality also recently made over 30 lbs. of butter in seven days. She is the only 30 lb. cow in her class to produce over 2900 lbs. of milk in thirty days.

Colantha Hamilton is a granddaughter of Admiral Walker Pietertje and therefore comes in on both sides of the "Bonalevo Combination," a cross of King Quality with the daughters of Admiral Walker Pietertje.

This cross combines the blood of three families of three direct generations of thirty pound cows, and it is assurance of heavy productions, individuality of the first order and the ability to transmit these valuable qualities.

We only have one bull left which carries this combination, and which is ready for service, but we have three others which will be ready for service this summer. Write now for charts and prices.

Bonalevo Farms

R. E. CHAPIN & SON Box C Batavia, N. Y.

Hamilton Stock Farms

The place where the first bull was bred, whose dams, 2 grandams and 4 great grandams records average over 30 lbs.

The place where the first 30-lb. cow to have a 30-lb. daughter, were both bred.

The place where the first 30 lb. cow to produce a 30 lb. daughter that also has produced a 30 lb. daughter, were all bred.

The place where the only two 30 lb. cows were bred, whose dams and grandams are all 30 lb. cows.

The only herd having in it two 30 lb. cows that have made over 30 lbs., 3 different years.

The herd in which 3 families having 3 generations of 30 lb. cows, have been developed and there is only one other such family of the breed.

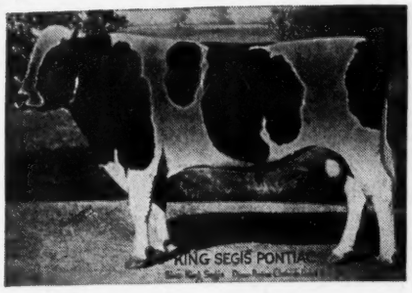
The herd in which is the only family of 3 generations whose 30 day records average 126.58 lbs.

This herd is headed by KING OF THE BLACK & WHITES, the bull whose average records for his 7 nearest dams is 31.04 lbs., and 4 of the number have produced 30 lb. daughters that have also produced 30 lb. daughters. 6 of his nearest dams have 30 day records that average over 126 lbs. each.

IN BUYING YOUR NEXT BULL, CONSIDER THESE FACTS.

A. A. Hartshorn Holstein Co.

Hamilton, New York



New York, Wisconsin and Illinois State Fairs
Iowa Dairy Cattle Congress
National Dairy Show

A Sweeping Record for 1914 at the World's Greatest Holstein Shows

Out of 18 **Grand Championships** in the seasons of 1913-14 we win 17. Our **Exhibitors Herd** and **Dairy Herd** were never beaten. In fact we were winners in every class we entered. The verdict is they must be **WORLD BEATERS.**

King Segis Pontiac and Johanna McKinley Segis

head our herds and it's time you were looking for a future herd sire bred from the most

Fashionable Breeding, Largest Records, Best Individuals

Sons of the above sires from

A 29.71 lb. daughter of Korndyke Queen De Kol Prince.
A 25.72 lb. daughter of De Kol 2d's Butter Boy 3rd.
A 25.61 lb. daughter of Paul Beets De Kol.
A 25.39 lb. daughter of Woodcrest Hengerveld De Kol at 4 yrs.
A 25.49 lb. daughter of Sir Lilith Posch at 4 yrs.
A 24.17 lb. daughter of Hengerveld De Kol at 4 yrs.

Several others from good record dams of the very best breeding.

For pedigrees, descriptions and prices write us what you want.

READY FOR SERVICE

A son of King of the Pontiacs. Dam a 24-lb. 3-yr.-old daughter of King Segis Pontiac.

Two sons of Oakland Paul Beets Burke. Dam of one a 24-lb. 3-yr. daughter of Hengerveld De Kol. Dam of one is Aconeth Lady, the Grand Championship winner.

Son of Woodcrest Hengerveld De Kol. Dam a 26.6-lb 3-yr. daughter of Paul Calamo Korndyke, the World's Greatest Winner.
This calf was 1st at New York State Fair.

R. E. HAEGER, Algonquin, Ill.

King Segis Pontiac Chicago

The bull whose purchase in the June, 1914, Sale for $20,000.00 was the sensation of the year.

His Sire: King Segis Pontiac, who has more sons at the head of good herds than any other sire.

His Dam: Johanna De Kol Van Beers, who produced not only 40 lbs. of butter in seven days, but under Official Test produced nearly 10,500 lbs. of milk and over 540 lbs. of butter in 120 consecutive days Official Test, thus producing an average in seventeen consecutive weeks of nearly 32 lbs. of butter per week.

His Sire's Dam: Pontiac Clothilde De Kol 2d is not only distinguished for having made three records over 30 lbs., but in Official Test produced over 37 lbs. of butter in seven days, followed by a year's record of over 25,000 lbs. of milk, testing over 4 per cent, making more than 1,000 lbs. of butter fat, when she again freshened and produced over 32 lbs. of butter in seven days.

His Sire's Sire: King Segis, lived only six years, but was the sire of eighty-three A. R. O. daughters, seven over 30 lbs. and fifty-eight proven sons.

His Dam's Sire: Sir Johanna De Kol, was a brother to Colantha 4th's Johanna, and his dam's dam, Netta Netherland Van Beers, was the first cow Officially Tested in the State of Wisconsin, which was many years ago, and at the age of twelve years produced over 18 lbs., easily the equivalent of 30 lbs. today.

King Segis Pontiac Chicago, born February 5, 1914, has extraordinary development and possesses great individual merit.

THE BULL OF OUTSTANDING LINEAGE, OUTSTANDING INDIVIDUALITY
OUTSTANDING PROMISE

Owned by

H. Stillson Hart Geo. E. Van Hagen Spencer Otis, Jr.
BARRINGTON, ILL.

VALDESSA SCOT 2d
41.87 lbs. butter 7 days

FINDERNE HOLLINGEN FAYNE
1395.06 lbs. butter 365 days
World's Record

WE DON'T CLAIM

to

own the World's Greatest Herd

KING VALDESSA

His dam and sire's dam 7 day butter records average 43.03 lbs.

We can sell you bulls old enough for service bred right along these lines of breeding
If you want Holsteins, the real kind, write;

FINDERNE PRIDE JOHANNE RUE
36.87 lb. butter 7 days
28.16 lb. butter 7 days eight months after calving Worlds Record.
Is now on the home stretch in the semi-official race.

Somerset Holstein Breeders' Co.
Sommerville, N. J.

FINDERNE MUTUAL FAYNE
Watch her make the home run

HOLSTEINOMETRY

THEOREM: SIR PIETERTJE ORMSBY MERCEDES 44931 is the *greatest* sire of the breed.

GIVEN: SIR PIETERTJE ORMSBY MERCEDES, his ancestors and offspring.

TO PROVE: SIR PIETERTJE ORMSBY MERCEDES is the *greatest* sire of the breed,

PROOF: (By Axiom 1 we know that TYPE, CONSTITUTION and SIZE with WORLD RECORD PRODUCTION equals PERFECTION.)

SIR PIETERTJE ORMSBY MERCEDES is in the first place, AN EXCEPTIONAL INDIVIDUAL. Junior Champion at the Minnesota and Wisconsin State Fairs as a yearling.

DAM—PIETERTJE MAID ORMSBY, 35.36 lb. butter in 7 days, 145.66 in 30 days. Also a prize winner at the National Dairy Show. She held the WORLD'S RECORD in 1911.

Sir Pietertje is sired by a grandson of the first 29-lb. cow in the world, MERCEDES JULIP'S PIETERTJE, 29.36 lb. in seven days.

The oldest tested daughters of SIR PIETERTJE are junior three-year-olds. His daughters have broken records in the yearling, two-year-old and junior three-year-old classes. In 1911 HEILO PIETERTJE ORMSBY MERCEDES made a sensational record of 15.53 lb. butter in seven days and 620.4 lb. in one year at the age of 18 months. QUEEN PIEBE MERCEDES surpassed all others last year by making 29:835 lb. butter in seven days and 116.735 lb. in 30 days at the age of 2 years and 10 months. BESS PIETERTJE ORMSBY MERCEDES made at the age of 3 years and 3 months, 759 lb. milk and 33.15 lb. butter in 7 days. Her record for milk surpasses all others of this class by a very big margin.

The daughters of SIR PIETERTJE as junior two-year-olds average HIGHER than those of any sire.

IN THE SHOW RING the sons and daughters of this sire are unsurpassed. At the National Dairy Show 1911-13-14 daughters of this sire carried off the JUNIOR CHAMPIONSHIPS. In 1913 one was GRAND CHAMPION. His "GET" when shown at the National have never been defeated. At the National this past year nearly ONE-HALF THE FIRSTS were awarded to daughters or grandsons and daughters of SIR PIETERTJE. In 1911 a son of Sir Pietertje was the first prize yearling. At the North Dakota State Fair 1914 another son won the GRAND CHAMPIONSHIP over three bulls that had been or were later on first at the National.

We have shown that his offspring have SIZE, CONSTITUTION and TYPE with WORLD RECORD PRODUCTION.

E. C. SCHROEDER, Moorhead, Minn.

Absolute Dispersal of the Redwood Holstein Farm Herd

100 Registered Heifers and Young Cows

At private sale to close estate of the late Richard W. Sears, founder of Sears, Roebuck & Company, of Chicago, Ill.

25 of them are strongly bred on the lines of King Segis, Paul Beets De Kol and De Kol's 2d Butter Boy 3d.

15 are granddaughters or great-granddaughters of Pontiac Korndyke, King of the Pontiacs and Pontiac Hengerveld Parthena.

15 are backed by those splendid sires, Aaggie Cornucopia 3d's Lilith and Aaggie Cornucopia Johanna Lad.

We also have a number bred on the lines containing as foundation sires King Walker, Sarcastic Lad, Hengerveld De Kol and De Kol Burke.

Present Herd Sires. King of the Pontiacs 19th, No. 113155, and Daisy Pioneer Walker King, No. 98263. The latter is grandson of King Segis and great-grandson of Hengerveld De Kol and Lord Netherland De Kol.

We have done no testing this winter. It's your gain. Every animal has been appraised and fairly priced. Buy and test them yourself.

You absolutely take no chances on tubercular infection or contagious disease. We can convince you of this.

Herd must be sold by June 1, 1915. You can buy one or more. Come and look them over.

Redwood Holstein Farm

SEARS & GOLD, Owners **Redwood Falls, Minn.**

11 FEMALES AND 4 BULLS

Constitute our offering to

THE CAZENOVIA SALE

to be held

June 3-4, 1915, at Cazenovia, N. Y.

HERE THEY ARE—

A 26.3-lb. daughter of our herd sire, King Segis Beets, both in breeding and production one of the best sons of King Segis. This heifer made her record at just 21 months of age.

A 17.4-lb. daughter of the same sire.

Butter Girl Hijlaard Korndyke 2d, a 22-lb. four-year-old daughter of the richly bred sire, Walker Korndyke Segis. The dam is by De Kol 2d's Butter Boy 3d from an A. R. O. daughter of Sir Korndyke Manor De Kol.

A three-year-old daughter of Judge Hengerveld De Kol from a 23.4-lb. daughter of De Kol Hengerveld Burke.

An A. R. O. daughter of King Walker from an 18-lb. four-year-old granddaughter of Pietertje Hengerveld's Count De Kol and Lucy Nudine 2d.

A 23-lb. daughter of Sir Waldorf Lad, he by Johanna Rue 3d's Lad. The dam is Queen Christine Pietertje (27.7 lb. butter, 600.6 lb. milk in 7 days, 118.8 lb. butter, 2525 lb. milk in 30 days.)

A two-year-old daughter of King Barnum Fayne, he by King Fayne Segis from a full sister to a 29 and a 30-lb. cow. The dam is a 23-lb. granddaughter of the two noted animals, Hengerveld De Kol and Pleasant Valley Kate 2d.

A 15.8-lb. three-year-old daughter of Winana De Kol King Segis, he by King Segis from a 31-lb. daughter of Korndyke Queen De Kol's Prince and Winana Pietertje De Kol (25.5 lb.). The dam is by a son and from a granddaughter of the great De Kol Burke.

A three-year-old daughter of Johanna King Segis, he by our King Segis Beets from the 40-lb. cow, Johanna De Kol Van Beers.

An 18-lb. three-year-old sired by a son of Lilith Pauline De Kol's Son from an 18.6-lb. four-year-old daughter of King Segis.

A 17-lb. cow with good prospects ahead of her.

A full brother to Hilldale Rosa Segis (31.52 lb. at 4 years) by King Segis Beets from a 27.1-lb. daughter of Sadie Vale Concordia's Paul De Kol.

Three sons of Friend Pontiac Korndyke, our former herd sire and one of the good sons of Pontiac Korndyke.

One is from the 30.7-lb. three-year-old, Hilldale Mercedes Segis, she being by King Segis Beets from a 27-lb. four-year-old daughter of Mercedes Julip's Pietertje Paul.

Another is from a 25.7-lb. daughter of King Segis Beets. The next dam is a 25.5-lb. daughter of King Segis and the next dam a 22.6-lb. four-year-old daughter of De Kol 2d's Mutual Paul.

Last but by no means least a son of Grace Segis De Kol Boon (31.6 lb. at 4 years). She is a daughter of King Segis and is from a 27.7-lb. daughter of a 28-lb. cow.

These females are certain to enhance the value of the best of herds and the bulls are good enough to head any herd.

These animals represent exceptional breeding and all are young with excellent prospects before them. Every animal is right and of the kind we like to recommend.

Plan to attend the sale and for further information regarding our consignment write us.

J. A. STANTON & SON, **NEW WOODSTOCK, N. Y.**

There is a Good Time Coming

We have determined to do our best to "Help it on." For the next two months, we are going to sell both males and females at such prices that it will mean money out of YOUR POCKETS not to buy. Write us what you want. Get our quotations. Buy NOW.

ALSO, we will assume all risks until quarantine conditions are such that shipment can be made. It is a sure thing for you. We take the chances.

A NEW "BOOK OF BULLS" JUST OUT

Write For It.

In this book are sons of the greatest sires of the Breed including King of the Pontiacs who now has 144 tested daughters. Anyone of the bulls will be a credit to your herd, and the price has been cut to the limit. You can't afford to miss this apportunity. Tomorrow may be too late. Write us today.

Stevens Brothers Company

Liverpool, N. Y.

Does This Appeal To You?

A son of Lewis Prilly Rouble Hartog 2d, whose dam is the only 30-lb. 4-yr.-old having a 31-lb. dam and a 30-lb. 3-yr.-old daughter, and who closely combines three of the series of "3 generations of 30-lb. cows," *out of a 30-lb. 3-yr.-old* daughter of Sir Prilly Walker, who was by the best son of Hengerveld De Kol, and from the best daughter of Prilly (age considered), and whose ancestors in the first three generations have produced more 30-lb. descendants than any other combination? We have a bull just past a year old representing this combination, a splendid individual, well grown, ready for immediate service. His pedigree in every line is as good as the breed has produced. The price is very reasonable, less than it will be after the quarantine is lifted. It will pay you to investigate now.

MEADOW BROOK FARMS

John C. Sharpe, Prop., Blairstown, N. J.

R. L. Williams, Supt.

Last Call for the First Great Sale
IN THE EAST

LEE'S ANNUAL SALE

100 Registered Holsteins 100

CAZENOVIA, N. Y., MAY 20, 1915

Note Change in Date—May 20, Instead of May 19, as Formerly Announced

The Lee Sale this year is better than ever before. Its animals are individually high-class, practically all are of Advanced Registry quality, the cows in milk having good records themselves or being daughters of good record dams. In this sale are some of the best bred animals of the breed.

Daughters of such noted sires as King Segis, King of the Pontiacs, Johanna King Segis, Tidy Abbekerk Prince, Karol Korndyke and sons and daughters of King Segis Pontiac Alcartra.

A splendid lot of young cows and heifers bred to the Lee herd sire, Sir Woodcrest Korndyke Kate De Kol 5th, who has a 30-lb. dam and a 36-lb. full sister.

Granddaughters of Colantha Johanna Lad, Paul Beets De Kol, Rag Apple Korndyke, and Sir Korndyke Manor De Kol.

Some fine young bulls will be offered including a son of Spring Farm King Pontiac from a 26-lb. daughter of Tidy Abbekerk Prince.

This is the first great sale of Holsteins this spring in the Eastern States. Start the season right by attending the Lee Sale. Every animal guaranteed as represented—all old enough, tuberculin-tested under state supervision.

Auctioneers--Kelly, Haeger and Lee

Everybody Welcome **Send for Catalog to**

R. D. LEE, CAZENOVIA, N. Y.

THE COMING SIRE

KING SEGIS PONTIAC ALCARTRA 79602.

A good start is a great help in any race. King was four years old November 16th, 1914. His first six daughters have just freshened, and five have produced from 20 to over 25 pounds—the entire lot averaging over 21 pounds at 2 years. Over sixty young daughters in our herd. All our best cows in calf to him. Will serve more 30-lb. cows than any other sire this year. His sons head many of the greatest herds. Yes, King certainly is getting a good start, and he is bound to finish strong, for he is traveling faster with every lap. For this reason, NOW is the best time you will ever have to get onto the wagon with King, for there will not be enough places to go around.

We have only a few sons of King left, but they are the sort that will reserve a place for their owners. Write for complete information, or better yet come and see them.

JOHN ARFMANN

Fairmont Farm **Middletown, New York**

OUR LEADING HERD BULL
with his dam and sire

Segis Pontiac De Kol Burke is our ideal of what a sire should be. Consider the following facts concerning him.

Individuality—He has been **twice** a first prize winner at the California State Fair; his sire and dam have both been Grand Champions at the same show, while his grandsire was twice a first-prize winner at New York State Fair.

Transmitting Power—He closely combines the blood of De Kol Burke, Pontiac Korndyke, Hengerveld De Kol, King of the Pontiacs and King Segis—together the sires of forty 30-lb. daughters. His near relatives have produced a very large proportion of the greatest milk producers.

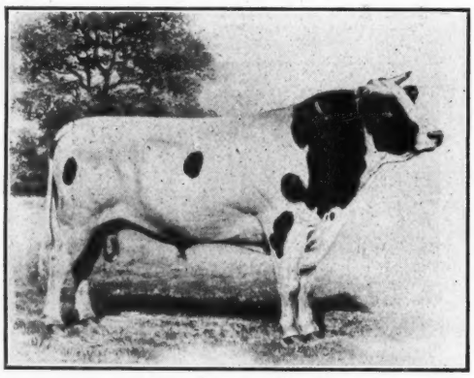
Producing Ability—His dam, Riverside Sadie De Kol Burke, is the greatest milk producer the dairy world has ever known, averaging 124.5 lb. milk per day for a month in official test and over 100 lb. per day for six months semi-officially. She has also outdistanced all competition for two consecutive years, with over 54,800 lb. On the sire's side, is Pontiac Clothilde De Kol 2d, the first 37-lb. cow, and the first cow to produce over 1000 lb. of butter fat in a year.

His Opportunity—At 2 years old he now has twenty daughters in our herd, including a yearling from Tilly Alcartra, the only 30,000-lb. cow. 75 of our best cows (including Tilly Alcartra) are now in calf to him. Every daughter will be officially tested, and we expect to make him the greatest sire in the West.

Your Opportunity—A few young sons of Segis Pontiac De Kol Burke are available out of high record cows, several of which are 20,000-lb. half sisters to Aralia De Kol, the Champion 11 and 12-year-old. You will find our prices reasonable.

A. W. MORRIS & SONS CORPORATION WOODLAND, CALIFORNIA

RAG APPLE KORNDYKE 48020



THE LOGICAL SUCCESSOR TO HIS FAMOUS SIRE

He has 27 A. R. O. daugsters including:—

Fairview Rag Apple De Kol (37.09 lb. at 6 years) who has made three records at 2, 4 and 6 years averaging 30.05 lb.—**an unequalled showing.**

Fairview Rag Apple Darkness 4 yr 27.73
Fairview Rag Apple Pauline 26.43
Star Farm Cornucopia Rag Apple 26.41
365 days 882.38
Milk 20388.90
Sadie Vale Korndyke 2d 3 1-2 yr. 25.03
8 others above 20 lb., including a number of 2-yr.-olds.

Rag Apple Korndyke
was purchased for $5,000.00
His dam sold for 8,000.00
His brother sold for 10,000.00
His son sold in public sale for 25,000.00
(The highest price on record).

Prices do not make quality, but quality commands the prices.

Rag Apple Korndyke is a splendid individual, of rugged constitution, weighing 2650 lb. These characteristics he transmits without exception to his offspring. He has over 100 young daughters coming on, and sons at the head of many of the greatest herds.

Is there anything more desirable (all things considered) than a son of Rag Apple Korndyke, from the right sort of a dam? We have a number of them which we are offering at reasonable prices.

W. WORTH JENNINGS, Prop. DEAN KNICKERBOCKER, Sup't
JENNINGSHURST STOCK FARMS TOWANDA, PA.

Holstein-Friesian World

VOL. XII. MADISON, WISCONSIN, MAY 15, 1915. NO. 20.

World's Champion 7-day Milk Cows

By Chadwick Gerow, Madison, Wis.

JUNIOR 2-YR.-OLD CLASS.

The last class in this series proves by no means the least; in fact it surpasses all others in regard to number and includes many animals that have helped make th; breed famous.

In 1894 the start was made by Sadie Vale Concordia with a production of 317.6 lbs. Although she was only 23 months of age, she conclusively demonstrated her superiority over her two-year-old sisters. A great deal has been said about this cow of late, so it is quite unnecessary for me to dwell at length concerning her. She has made good from every angle of endeavor and these late developments only go to show that her blood lives on in an increasing measure. Of all that has been said, however, I don't think it has been mentioned that she is the only cow to have held five world's 7-day butter or milk records.

The next year there was a decided change. A cow named Cemo Rivoli produced 323.2 lbs. milk with 12.15 lbs. butter. She was bred and developed by O. A. Bowen, Pendleton, S. C., and was a daughter of Johanna 5th's Aaggie Clothilde and Success of Sea Side 2d. Further data about this cow is unavailable—she is one of the two-year-olds that never came back. However her term as champion was short, she being displaced the same year by Pauline Paul Grant—a daughter of the great sire, Paul De Kol, and from Nellie Grant 4th. She made a record of 354.2 lbs. milk, 13.11 lbs. butter, and was bred and developed in that far-famed herd of T. G. Yeomans & Sons, Walworth, New York. As a senior 3-year-old she was again tested making 417.5 lbs. milk, 15.13 lbs. butter.

She was not beaten until 1898, and then by Johanna Rue 3rd, a daughter of Paul Mutual De Kol and Johanna Rue. She was a product of the firm of Gillett & Son, Rosendale, Wis., and at just twenty-four months of age she is credited with 372.1 lbs. of milk. At 3½ years she made 411.3 lbs. and at five years 491.2 lbs. with 24.24 lbs. butter. Her daughter, Johanna Belle has a milk record at 24 months of 301.1 lbs., but her son, Johanna Rue 3d's Lad, is her best representative. He has 48 A. R. O. daughters including:

Finderne Pride Johanna Rue—
- Milk, 7 days, 5 years old..692.5
- Butter 36.87
- Milk 30 days 2,683.90
- Butter 139.96
- Milk 8 mo. after calving ..484.3
- Butter 28.16
- (World's butter record)
- Milk 7 days at 3 yr. 607.6
- Butter 31.06
- Milk 30 days 2,535.4
- Butter 121.45

Finderne Pietertje Johanna
- Milk 7 days 3 yr. 637.9
- Butter 35.21
- (World's butter record when made)
- Milk 30 days 2,701.70
- Butter 141.58
- (World's butter record when made)

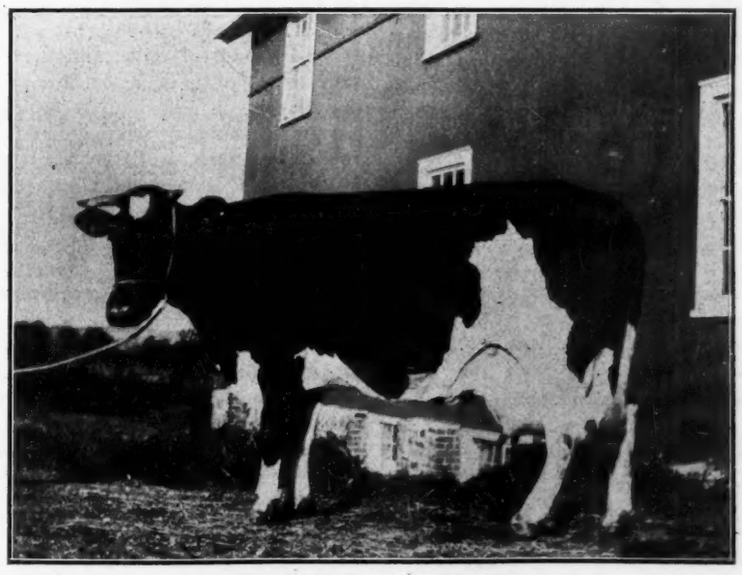
Vanity Pauline Johanna
- Milk 7 days 635.4
- Butter 33.81
- Milk 14 days 1,197.2
- Butter 65.64

Belle Netherland Johanna
- Milk 7 days 8 yr. 657.5
- Butter 30.52
- Milk 30 days 2,797.1
- Butter 125.58
- Milk 365 days 22,811.8
- Butter 1,103.83
- Milk 365 da. 6 yr. 20,516.9
- Butter 1,011.14
- (World's Record for two year butter production when made)

He is one of the only two sires having two 3-yr.-old daughters with 7-day butter records averaging 33 lb. and is grandsire of five 30-lb. cows and

Woodcrest Meta Vernon De Kol
- Milk 365 days 28,436.1
- Butter 1,100.30

Besides Johanna Rue 3d, Paul Mutual De Kol is sire of Johanna Rue 2d's Paul De Kol, one of whose sons



BELLE NETHERLAND JOHANNA
Milk 7 days 635.4 lbs., butter 30.52 lbs. Milk 365 days 22,811.8 lbs., butter 1,103.83. Milk 2 years 43,328.7 lbs. butter 2,114.97 lbs. A granddaughter of Johanna Rue 3rd.

is sire of King Segis—the greatest sire of his generation. This blood has always figured in the result producing class and will continue to be at a premium.

The next year Johanna Rue 3d was beaten by seven pounds; the victor bearing the very uncommon name of Raschida. She was owned and developed by Charles Hunt, Delphi, New York, and was a daughter of Koningen Sir Rolland and Empire and Empire Koningen. She has no descendants worthy of note, but carries 55 per cent the same blood as Pleasant Valley Kate 2d, whose son, Sir Woodcrest Korndyke Kate De Kol, is sire of three 30-lb. cows including one former World's Milk Champion.

With the beginning of the 20th Century, the first 400-lb. two-yearold appears in Roxie Wayne Pauline, but not before Pietertje De Haan 2d had for a short time held the title by a production of 390 lbs. Pietertje De Haan 2d was bred by A. F. Cole, Morrisville Station N. Y., and developed by Henry Stevens & Sons, Lacona, N. Y. Her sire, Inka Princess Pietertje Pledge has 16 A. R. O. daughters:—

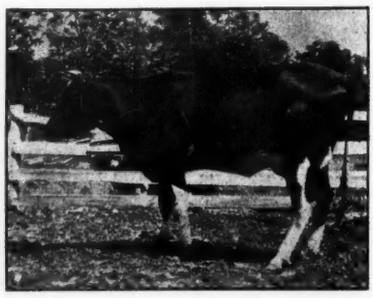
Topsy Barber—
Milk, 7 days 603.1
Butter 25.09
Pietertje Pledge Princess—
Milk, 7 days at 10 years....585.7
Butter 26.58
Milk, 30 days 2,388.50
Butter 107.04
and among his granddaughters are:
Beauty Pietertje 30.51
Prilly Princess Julia De Kol, 4½ years 30.44
Inka Prilly 30.01
Cleopatra Gelsche 29.12

Roxie Wayne Pauline is of that well-known H. D. Roe breeding, being a daughter of De Kol 2d's Paul De Kol, thus adding another to that sire's already long list of world's record daughters.

At 2 years, 3 months, 6 days she made:
Milk, 7 days 404.5
Butter 14.47
At 3 years, 2 months, 9 days:
Milk, 7 days 490.2
Butter 19.46

She has 100 per cent the same breeding as Roxie Pauline De Kol, who is dam of:
Roxie Pauline De Kol Posch—
Milk, 7 days 675.6
Butter 31.18

This takes the Champions up to and including 1900, and there are so many more to mention that this article will be concluded in the next Western issue.



JOHANNA RUE 3D
Milk at 24 months 372.1 lbs. World's Record when made. She is dam of Johanna Rue 3d's Lad, one of whose daughters holds the world's butter record in the eight months after calving division. Owned and bred by Gillett & Son, Rosendale, Wis.

COSTS OF MILK PRODUCTION

(From the New York State College of Agriculture, at Cornell.)

That at least one-eighth of the dairy herds in the state may return as annual net loss to their owners, is indicated in a bulletin just published by the Cornell University agricultural experiment station.

The study upon which the figures are based was carried on in Jefferson county in response to a general demand for information on the cost of producing milk. Year-long records were obtained for 53 dairy herds in the county, which is considered to have more favorable conditions than the average of counties in which the dairy industry is important.

Facts were gathered about the quantity and value of milk and butter-fat produced, the costs of feed and equipment, the profit or losses, and various other items. While 7 of the 53 herd were kept at an aggregate loss of more than $1300 or an average loss of $190 apiece, the average profit on all herds was 31 cents on the hundred pounds of milk; and the average net profit on each cow in a year was $20.39. These figures indicate that the farmer may make, under favorable conditions, a little less than two-thirds of a cent on a quart of milk.

Cows Above Average

The bulletin states, however, that most of the cows studied were above the average in production, which resulted in an economy of production; further that the food costs were not much more than half of what they would be in some less favored parts of the state, and that other costs were from twenty to forty per cent less than they might be elsewhere.

Some "Lady Boarders"

The principal cause of loss in dairying is the keeping of cows which do not pay for the food they eat; they have come to be known as "lady boarders" and serve their most profitable use, according to the dairy experts, when converted into meat and hides.

The one way to insure their elimination from the herd, the bulletin says, is to determine the yield of each cow by weight of milk, and by the use of the Babcock test for the butter-fat content. The formation of cow-testing associations is urged upon dairy farmers, and details of their organization and purposes are given. It is announced that copies of this bulletin, number 357 in the Cornell experiment station series, entitled "The Cost of Milk Production" may be secured free on request by residents of New York.

ALFALFA EXPERT SPEAKS

"The Middle West farmer should harrow his alfalfa field," says Joe Wing, America's great alfalfa enthusiast and authority. For immediate results this had best be done at once, after the first and second cuttings are removed. The safest and best all-around tool to use is the special alfalfa spring-tooth harrow. The teeth on this harrow are narrow and will tear out weeds, but will slip around and over the strong alfalfa roots without injuring them. The ordinary spring tooth, or spike harrows may be used, though they will not do nearly as good work. Some farmers have gotten good results by using the disk, but with this tool there is great danger of splitting the crowns of the plants.

Mr. Wing also advocates top dressing the alfalfa with a suitable fertilizer. If this is applied before harrowing, the fertilizer will be well mixed through the soil. Mr. Wing further says, "On Woodland Farm, we own a wide and large fertilizer distributor. This machine sows a strip eight feed wide, and the box holds 1,000 pounds. It simply sows the stuff broadcast on the surface. With these large, wide sowing machines a man can rapidly get over his field. No one should hesitate to buy the fertilizer, since a dollar so invested will usually return three or four in the crop of hay."—J. W. Henceroth.

"To keep posted on Holsteins read the World."—Jas. H. Rockweiler, Cazenovia, Wis.

* * *

"Couldn't get along without the World and raise Holsteins."—H. J. Schultz, Shipman, Ill.

* * *

"Couldn't do without the World."—A. B. Wilcox, Abilene, Kan.

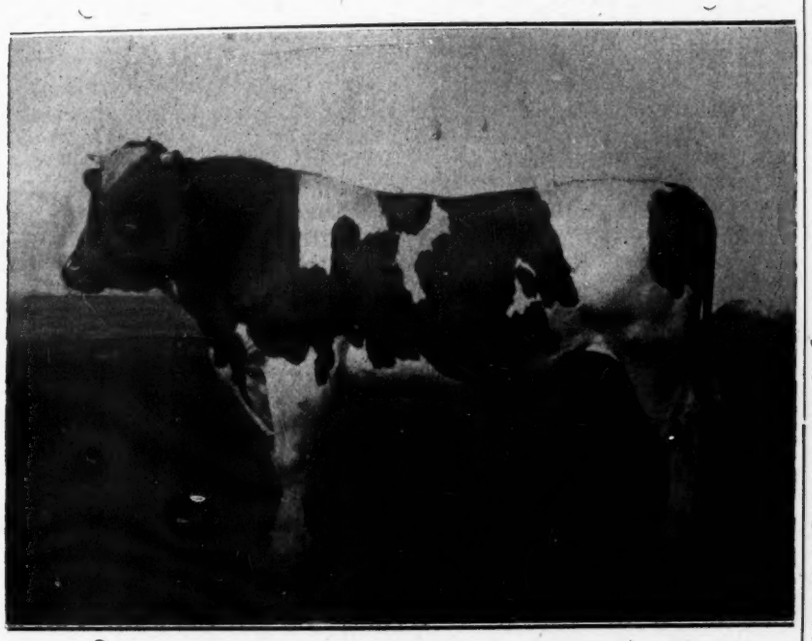
DOROTHY ORMSBY DE KOL

Dorothy Ormsby De Kol owned by J. W. Sherburne & Son, Crown Pt., Ind., was born Sept. 23, 1909, freshened at the age of 2 yr. and 10 months with a beautiful heifer calf sired by Dutchland Colantha Sir Pietertje No. 74362 a 31 lbs. bull. She was bred to same bull and calved again July 1st, 1913 at the age of 3 yr. 9 mo. and 24 days. The weather was very sultry and general conditions very unfavorable for an official test and only dry feeds, clover hay and grain available, so it was tho't best by her care taker Ray W. Sherburne not to crowd her for a large 7 day record but to start her carefully on a year's work, and save her for more favorable weather conditions. Hence a qualification record was made between July 17th and 24th when she was milked only 3 times daily. She produced in this test 418.2 lbs. milk containing 17.16 lbs. butter, and was continued throughout the year on semi-official work.

To show how uniform was her production on Jan. 22, 1914—nearly 7 months after calving she was again run officially for 7 days and produced 418.0 lbs. milk containing 15.56 lbs. of butter. Beginning her twelfth month she was still producing over 50 lbs. of milk daily and closed her year with — 20,713.6 lbs. milk and 754.1 lbs. butter to her credit, O. A. R. S. O. This is a very good record considering the fact that she gave birth to a big bull calf less than 2 months after the close of this record, and made the largest record for any cow of any age in Ind.

Her sire Ormsby Rose De Kol Paul No. 49753 sired only 5 registered daughters, four of these are entered in the advanced register and two made semi-official records, the one mentioned above with 20713.6 lbs. milk 754.4 lbs. butter and Camille Ormsby De Kol with 17,454.4 lbs. milk and 658.4 lbs. butter in 341 days as a jr. four-year-old; A remarkable showing for a bull with only 5 daughters. Besides such good blood on the sire's side, "Dorothy" received some of her producing blood from her dam Fay Regga No. 88,874 whose dam, Fay Pietertje of Buroak No. 49097 was a sister to the sire of Valdessa Scott 2nd the first 41-lb. cow.

Dorothy Ormsby De Kol was entered in the Le Roy Coy testing Asso. and carried off the honors with a net profit on production above her feeding expense of $206.80. Besides this, her bull calf sold for $200.00, and it is needless to say "Dorothy" is not for sale. Her's was the first official record ever attempted by her caretaker, and with a little more experience in the line we feel sure she is good for a 1000 lbs. of butter at next freshening. —Roy W. Sherburne.



JOHANNA RUE 3D'S LAD
A son of the former world's 2-year-old 7-day milk producer Johanna Rue 3rd. He now has four daughters with records above 30 pounds, and is one of the only two sires having two 3-year-old daughters with records averaging 33 lbs.

---o---

We may build more splendid habitations, fill our rooms with paintings and with sculptures, but we cannot buy with gold the old associations.
—Longfellow.

WHAT MAY BE EXPECTED OF OLDER COWS FROM THE RECORD AS HEIFERS

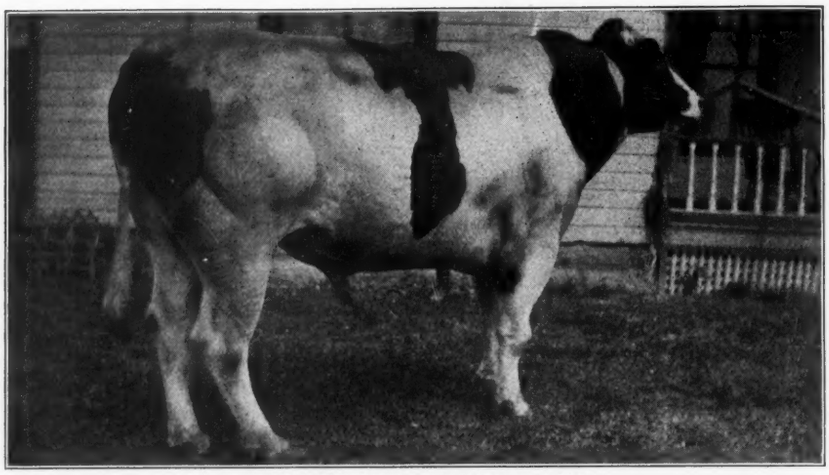
In the New Zealand Journal of Agriculture, W. M. Singleton goes into the subject of the progression in butter-fat production from the heifer with her first calf to the best production of the mature cow. He says:

"The comparison between records of two-year-old heifers and those of animals of greater age is a matter of which many dairymen may have little or no data. The yearly record of one animal or all of those in one herd may not give a fair comparison of average results. These results will vary considerably from individuals, and, unless large numbers of animals are included, figures may be somewhat misleading.

"The yearly average production of 137 two-year-old heifers in test in three associations was 164 pounds of butter-fat. The following season those same heifers as three-year-olds averaged 204 pounds of butter-fat. This record as three-year-olds represents an increase of 25 per cent on the first season's record. As a rule, heifers as two-year-olds are not brought into profit as early as is the case with older animals, and the number of days these were in milk for the two seasons indicates that owners followed the practice on this occasion. When testing pure-bred stock the two-year-old record is expected to more closely approximate the three-year-old results. With this class of stock the three-year-old record is expected to produce about 15 per cent. more than the heifer starting a year earlier.

"Ninety-six three-year-olds were entered by certain members in the association and were tested two years. As three-year-olds their records credited them with an average yield of 186 pounds of butter-fat. The following season, as four-year-olds, the ninety-six averaged 213 pounds of butter-fat, or an increase of 14 per cent. This increase compares very well with that required of pure-bred stock in New Zealand of similar ages, a four-year-old pure-bred being required to give 13.2 per cent. more than a three-year-old.

"Eighty-five four-year-olds the first season in test averaged 200 pounds of butter-fat. The following season these averaged 216 pounds of butter-fat, or an increase of 8 per cent. They would be considered mature cows during the second season, and little further increase, if any, may be reasonably expected. These comparative percentages would have been more satisfactory, possibly, could we



KING TEHEE FAYNE NO. 59821
Will be sold in Pelton & Dagues sale May 20th. Also 16 of his daughters. His sire is King Fayne Segis his dam is a daughter of Paul Beets De Kol. His dam is also the dam of Inka Princess Mutual De Kol with A. R. O. record of 711.9 lbs. milk 33.25 lbs. butter in 7 days. See their ad.

have followed the same individuals through the four lactation periods. Using the percentage of increase from year to year as indicated by these figures—namely, 25, 14 and 8, respectively—a heifer finishing her first lactation period as a two-year-old with 160 pounds of butter-fat might be expected to yield 200 pounds as a three-year-old, 228 pounds as a four-year-old, and 246 pounds as a five-year-old or mature cow. For convenient calculation and to suggest a method more practicable for the average dairyman, these percentages of increase for the last two seasons may be slightly modified. If instead of using 25, '4 and 8 as the respective percentages we use 25, 12½ and 6¼, the results will be only slightly affected, and the estimated yields would be 160 pounds at two years old, 200 pounds at three years, 225 pounds at four years, and 240 pounds at five years or maturity.

"Accepting these last-named figures as a relative proportion approximately correct and sufficiently accurate for the purpose of calculating the estimated yield, the dairymen should proceed as follows: To a two-year-old record add one-half as the estimated yield at maturity, which would increase the 160 pounds two-year record to 240 pounds at maturity; to a three-year-old record add one-fifth, which would increase the 200 pounds three-year record to 240 pounds at maturity; and to the four-year-old record add one-sixteenth, which would increase the 225 pounds four-year-old record also to 240 pounds as the estimated mature record.

"This system of estimation will probably prove as simple and as accurate as any for the dairyman engaged in average practical work. It is not suggested that there will not be many exceptions, but, according to the law of averages, these figures should give fairly good expectations of average results."—*The National Farmer and Stock Grower.*

"You are making a most excellent paper in the interests of the Holstein-Friesian cattle."—J. T. Galford, Ventura, Ia.

INFORMATION CONCERNING OFFICIAL TESTING OF DAIRY CATTLE

University of Nebraska College of Agriculture, Department of Dairy Husbandry.

By J. H. Frandsen and E. G. Woodward.

Official tests have become almost a necessity to breeders of pure-bred dairy cattle in order that they may dispose of their stock at the highest prices. The cow having an official record, or the calf with official records back of it, invariably brings a higher price than a similar animal without such backing.

The main object of official testing is to enable the dairyman to select his breeding stock intelligently. The man who is buying good breeding stock today wants production behind it and is willing to pay for it.

The official test makes it possible for a dairyman to demonstrate the merit of his herd to the public. There is no quicker or surer method of building up a desirable reputation for a herd than by making official records.

An official test is accepted by the public without question, whereas a private test is always subject to criticism. The fact that a test is not of much value unless it is accurately made explains the importance of having the test conducted by a competent official tester.

The different breed associations have requested the University Dairy Department to supervise such tests and vouch for their accuracy.

The requirements for entry to the advanced register of the different breed associations are as follows:

Requirements for Admission to the Advanced Registers of Breed Associations, 1915.

Age Years	Ayrshire Year's record Lbs. Milk	Ayrshire Year's record Lbs. Butter fat	Guernsey Year's record Lbs. Butter fat	Holstein Seven day's Lbs. Butter fat	Jersey Year's record Lbs. Butter fat
2	6,000	214.3	250.5	7.2	250.5
3	6,500	236.0	287.0	8.8	287.0
4	7,500	279.0	323.0	10.4	323.0
5 or over	8,500	322.0	360.0	12.0	360.0

NOTE: The yearly requirements for the Holstein breed are the same as for the Jersey and Guernsey breeds. In order to be eligible for a year's test, however, a Holstein must first be admitted to the advanced register with a seven-day test.

Before the test is started the cow should be registered in the herd book of the association, or application for such registry made.

Application for a man to make official tests should be made to the different breed associations, which in turn will notify this department to send a tester. In order to facilitate matters, it is well for the owner to notify the Dairy Department at the same time that he notifies the breed association. Whenever possible, notice should be given at least two weeks in advance of the time the test is to start so that a competent man can be obtained to do the testing.

The owner is expected to furnish transportation between the railway station and his farm, and to provide board and lodging to the tester during his stay. The tester is not allowed to do any work for the owner that will in any way delay or interfere with his official testing work.

The expense in making an official test is as follows:

1. Necessary traveling expenses for the official tester.

2. Two and one-half dollars per day for the official tester's time. The tester's time begins when he starts for the owner's farm and ends after he has had sufficient time to make tests of the last milking and fill out the necessary reports.

3. A fixed charge of twenty-five cents for each two-day report issued, and one dollar for each seven-day report, and one and one-half dollars for each thirty-day report is made to help defray the expense of clerical work and supervision.

4. Notary's fees, express or postage on composite samples, and necessary telephone or telegraph bills occasioned by the test.

At the completion of the test the official tester renders a bill to the University Dairy Department then sends the tester's account, along with an itemized statement of any other charges in connection with the test, to the owner. The owner makes payment direct to the University Dairy Department and the tester is paid by the Dairy Department. The reports of the test will be retained by the Dairy Department until the owner has made payment.

The official tester is not allowed in any case to have more than the following number of cows under test at one time: Six cows milked four times daily, eight cows milked three times daily, or fifteen cows milked two times daily.

The University Dairy Department reserves the right to make public any and all results secured while conducting tests.

Every solid color Jersey cow on a year's test must bear a hoof brand on the outside of the right hind foot. This brand will be provided by the official tester.

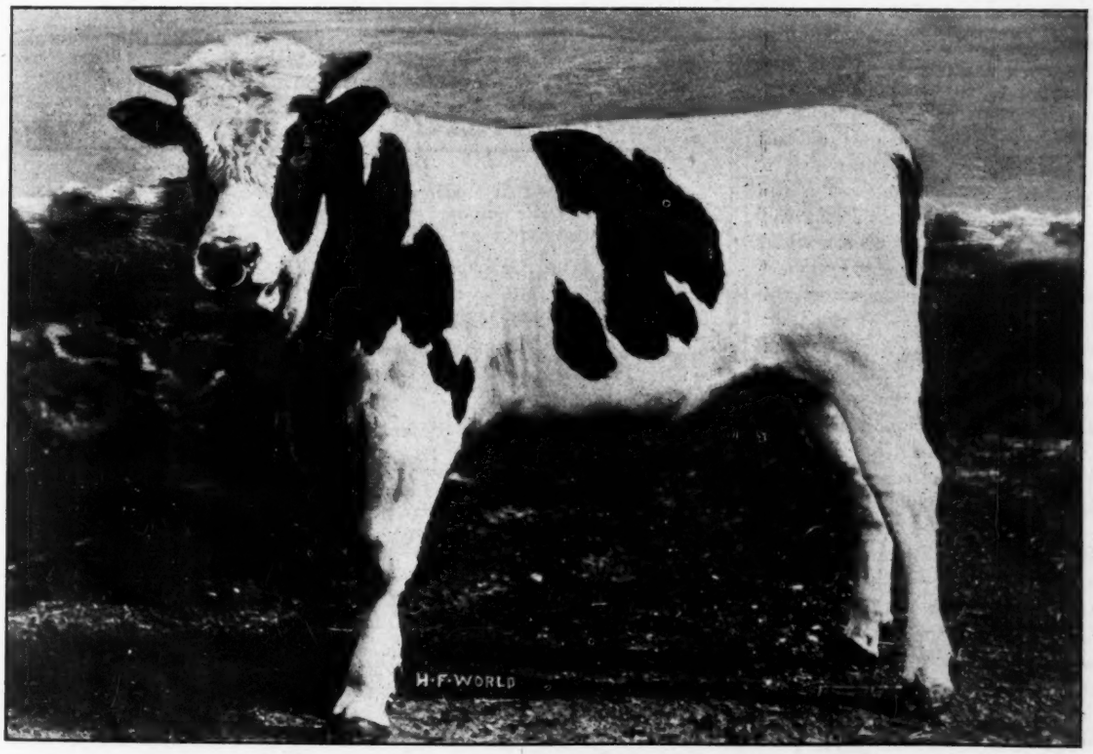
For any further information regarding official testing that may be desired, write to the Dairy Department, University Farm, Lincoln, Neb.

WHICH IS THE MOST USEFUL WOOD?

You May Not Appreciate *Fully* the Importance of an Old Friend.

There are about seventy-five woods that grow in the United States in quantities sufficient to give them importance in building and manufacture, and that are made into lumber for that purpose. In the event that some of these varieties should become extinct—the available supply should be entirely consumed—sometime in the remote future, which of the seventy-five do you think, humanity could least conveniently do without? Which is the most useful wood we have—which serves the greatest number of persons for the widest variety of uses?

Few persons could answer that question in an off-hand guess. Many would say Oak, because it is proverbially strong and dependable, and serves a great number of needs in



TOWANDA SPRING FARM PONTIAC DE KOL 129786
Son of the 44-lb. $15,000 Spring Farm Pontiac Cornucopia. His two dams average 38.72. Many animals offered in the I. J. Case sale, May 27, Alta, Ill. are bred to him.

building and manufacture, as well as having an established reputation for excellence as fuel. Some might mention hickory, or walnut, or ash, or fir, or redwood, or elm, or birch, or cypress,—all have many uses and all are consumed in enormous quantities. But none of those is *the* wood in question.

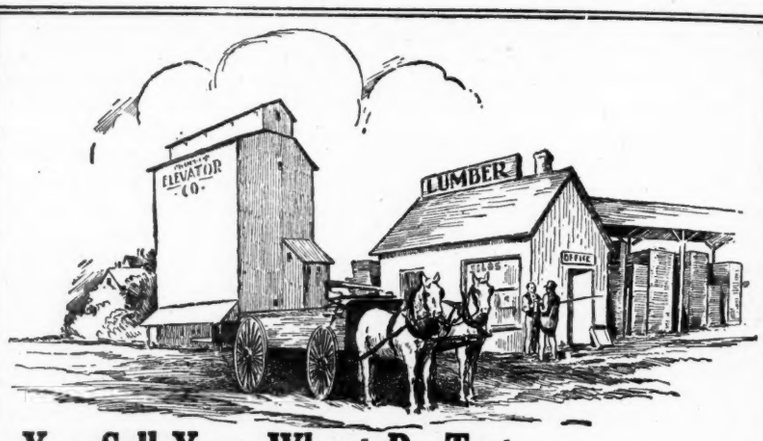
The most useful wood that grows in America is Southern Yellow Pine, "The wood of a thousand uses." Not only is Southern Pine adapted to a greater variety of uses in building and manufacture than almost any other wood, but its by-products, aside from the most important purpose of making lumber, are remarkably varied in their nature and application. So intimately is yellow pine and its products associated with the daily life of humanity that very few persons have any idea of the many ways in which it serves us. In city or country, day and night, whatever our occupation or condition in life, Southern Yellow Pine is contributing something to our well-being, literally "from the cradle to the grave."

Ordinary household and commercial uses of yellow pine we are familiar with—its use in furniture, house building, farm construction, implement manufacture and repair, bridge building, street paving, cars and other vehicles in which we ride. Many of us know that it is among the most important of woods used in shipbuilding, for ties and trestles in railroad building, and that it is extensively employed in the making of equipment of our play-outing goods and musical instruments. It even supplies wooden limbs to replace those we may lose in the vicissitudes of this life, and wooden caskets in which to bury us when we depart finally. But in addition to these more or less well known uses it has many others which you probably never would suspect. For instance the paper on which this is printed may be made of Southern Yellow Pine—much of it goes for that purpose. The carpet your feet rest on may be Southern Yellow Pine—southern pine needles undergo a process that transforms them into a fabric extensively used in coarse weaving and in upholstery. If you scent a disinfectant in the air it probably is one of several extracts from southern pine. If you catch a cold, rub your chest with turpentine (a yellow Pine product) and lard, and swallow a little pine tar syrup (another yellow pine product).

Among the by-products of the Southern Yellow Pine forests are pine tar, pine oil, pitch, charcoal, turpentine, rosin, excelsior, paper, pine wool (used in weaving fabrics), pyroligneous acid, terpinol, and an extract or distillate of the wood used in the manufacture of synthetic campher. Pine oil is much used in the manufacture of varnishes and eventually may supplant linseed oil for use in paint.

So varied are the uses of Southern Yellow Pine that 36 per cent of all the commercial lumber consumed in the United States is that wood. More than 2,000 sawmills operate every working day in the year, sawing up logs to supply this demand for southern pine. And great shiploads of it are constantly going across the ocean, even in this time of war in Europe, to supply the demand for it in other countries.

"Herein find one dollar bill for subscription to your valuable paper, —we would not think of trying to get along without its weekly visits, as we always want to know what the other fellows are doing."—Harry D. Dunbar, Elkhorn, Wis.



You Sell Your Wheat By Test— Do You Buy Your Lumber By Test?

To get the top market price for your wheat it must undergo a careful test. The man who buys it is going to know just what he is getting before he pays for it. He is going to know, not only that the quality of your wheat justifies the price, but whether that is the particular quality of wheat suited to his purpose.

Do you use the same business-like caution when you buy lumber? Do you make certain you are getting the best for the money, and that the lumber you buy is suited to your needs?

There is a range of quality, utility and price in lumber vastly greater than in wheat. When you buy lumber, buy by *test*,—insist on having lumber that has superior strength, toughness, workability, and reasonable price. Specify

SOUTHERN YELLOW PINE

The Wood of Service

Do you know that *Southern Yellow Pine has a greater breaking strength than White Oak; a greater crushing strength than White Oak, Rock Elm, Hard Maple, Shagbark Hickory or Black Ash?*—and yet is among the *easiest working, lowest priced* woods?

Those qualities of Southern Yellow Pine are not guessed at; they are determined by *test*—the *tests of the United States Government.* Here are the Government's figures, made by experts of the Forest Service in comparing various commercial woods:

Woods Tested	Breaking Strength
LONG LEAF YELLOW PINE	8,630
White Oak	8,160
Post Oak	7,380
White Elm	6,950
Silver Maple	5,820

Woods Tested	Crushing Strength
LONG LEAF YELLOW PINE	4,280
Shagbark Hickory	3,890
Hard Maple	3,850
Rock Elm	3,740
White Oak	3,510

No other wood is suited to so many different uses as Southern Yellow Pine. No matter what your use for a serviceable, easy-working, durable lumber may be—whether you are building a house, a silo, a barn, or are repairing implements, gates or buildings—Southern Yellow Pine is "best by test," the Wood of Service.

Free Plans For Farm Structures

If you have any building to do, write us, and we will send you complete plans, with specifications and cost estimates, of model barns, granaries, hog houses, poultry houses, feed racks—a wide variety of farm buildings. Those plans will cost you absolutely nothing—our purpose is solely to make you more familiar with the wonderful utility and economy of Southern Yellow Pine.

Cut Here

Southern Pine Association
625B Interstate Bank Building
New Orleans, La.

Send me FREE your
Silo Book
Plans of Farm Buildings
Table of Lumber Tests
House Plans

Name.....
Town.....
R. F. D...... **State**.....

Field Notes

In normal years about 200,000,000 pounds of binder twine are required for harvesting the grain, corn, and flax crops of the United States. From two-thirds to three-fourths of this is made from henequin sisal fibre, practically all of which is produced in Yucatan and exported from Progreso, Mexico. This year the demand for twine is certain to be greater than ever. Last year's wheat crop was the largest the country has ever produced; this year's is expected to be still larger. Nine hundred million bushels is the estimate if normal conditions prevail from now to harvest. It is probable that the production of the other grains, especially of oats, will also be increased and the other crops, the sorghums and corn, will be at least the equal of normal years.

* * *

At the sale of D. F. Burgess & Sons at Banquo, Ind., on March 15th, forty-four head were sold for $10,060.00 giving the very good average of $228.00.

* * *

Because of the safeguards taken by state and federal authorities, it is thought that conditions will be safer at the Panama-Pacific than at any show held in recent years. As for a Wisconsin exhibit, the Panama-Pacific Exposition Committee of the Wisconsin Live Stock Breeders' Association held a meeting in Madison on April 28th to mature their plans for the assembling and presentation of a suitable live stock display. The Committee feels that every indication points to one of the best exhibits ever sent out of the state. Until a complete list of prospective entries is filled with the association no absolutely definite arrangements can be completed. Those Wisconsin stockmen, who have not already done so, are urged to get in touch with the secretary at Madison, immediately, if they intend to fit an exhibit for San Francisco. The Dairy Show cattle held in quarantine near Chicago since last November show all signs of being cured and in all probability will be released in two or three weeks.

* * *

E. S. Mills, who has been the very efficient herdsman at the Michigan State Agricultural College for the past two years, accepted a similar position on the first of March with the Kalamazoo State Hospital at Kalamazoo, Mich., where he has charge of three herds of Holstein-Friesians comprising about 150 head. His brother, a younger Mr. Mills, has taken his place at the Michigan Agricultural College at East Lansing.

Doubtless breeders have been looking for future installments of the articles on "Buying, Selling, Testing, Registering, Transferring and Shipping of Live Stock" by G. H. Truckell. Mr. Truckell's duties have been especially numerous of late and then, he recently broke away from his accustomed abode around Liverpool and is now occupied in "doing" the middle west. As Mr. Truckell never makes a trip of this length without something big in view, we may expect to hear sooner or later of some important developments as the result. Anyway, he has promised to settle down somewhere, long enough to write another article for the May 29th issue. This article will be No. 3. These articles are of unusual value, it being the first time the subject has been gone into in the thorough manner in which Mr. Truckell is covering it.

* * *

One hundred and sixty-three cow-testing associations were operated in the United States in 1914. The first one was organized in Fremont, Michigan in 1905.

* * *

Here is a formula for estimating the amount of ensilage your silo will hold:

$$\frac{Pi \times R^2 \times H \times 35}{2{,}000} = \text{Tons.}$$

Pi equals 3.1416 (the circumference times the diameter.

R equals Radius squared (The radius is one-half the diameter.)

H equals height of silo in feet (or height of ensilage in silo.)

35 equals average weight in pounds of one square foot of ensilage.

2,000 equals number of pounds in one ton.

MANITOWOC COUNTY, WIS., COWS TESTING ASSOCIATION INCLUDES HOLSTEINS OF GOOD BREEDING

The Farmers in this County are rapidly coming to the front as breeders of high grade stock. This is in evidence from the review of the herd books of the different members of the cow testing Associations in this County.

In 1915 the first Association was organized by Mr. H. C. Searles, of the Department of Animal Husbandry, with 480 cows. This year there are over 1,000 cows on test and prospects are bright for another association.

The officers are all young men with the ambition of making this county the dairy center of the state. Mr. Adolph Otto, Valders, Wis., is President; Clarence Pederson, Manitowoc, Wis. Vice President; Ed. A. Knutson, Manitowoc, Wis. Secretary and Treasurer, and Messers. Andres Thompson and Chas. Achenbach are directors.

This year will result in some herd records that will open the eyes of the breeders that did not cull out the boarders discovered through this work the previous year. Mr. B. H. Wittig and M. Pease are in charge of the testing and both young men have the interests of their rival Associations at heart.

B. H. Wittig.

METHOD OF KEFPING FARM RECORDS

By this method two books are necessary. Both may be the ordinary bookkeepers' journal, usual size 8 x 12 inches, 100 to 200 pages. One is known as the financial book and includes:

1. Inventories—one at the beginning and one at the close of the year.
2. Record of receipts and expenditures of the farm.

The other book is the labor book and includes all the work in connection with the farm. There should be two distinct columns on the right hand side of the page—one for hours of man labor and the other for hours of horse labor.

The inventory is a list of all farm property, including land, and buildings and farm debts, showing their value at the time. It can be written in the front of the book, using the left hand pages for the first inventory and reserving the right hand pages for corresponding values in the second inventory. In each book an account should be kept with each farm enterprise, as horses, machinery, real estate, each crop, etc., and with other items as may be found necessary or convenient.

In the financial book, allow enough pages for each account. A very good estimate can be made by considering the amount of business each enterprise is liable to create. Use the left hand page of the opened book for expenditures and the right hand page for receipts.

Index each account with a tag on which is written the name of the account kept on that page, arranging one below the other so all can be seen at the same time.

O. S. RAYNER,
Colorado Agricultural College,
Fort Collins, Colo.

"Please find enclosed money order for one dollar for which renew my subscription to the Holstein-Friesian World. I think it the best Holstein paper printed."—H. A. Simmons, Ridgefield, Wash.

HOLSTEIN-FRIESIAN WORLD

The only weekly Holstein - Friesian Journal.

Entered at the Madison, (Wis.) Postoffice as second class mail matter. Issued on alternate Saturdays from Madison, Wis., and Lacona, N. Y.

HOLSTEIN-FRIESIAN WORLD CO., Publishers.

WESTERN EDITION—Chas. G. Brown, Senior Editor, Ithaca, N. Y., Ira S. Brown, Junior Editor, Madison, Wis.

EASTERN EDITION—Editors: E. M. Hastings and M. S. Prescott, Lacona, New York.

Subscription price for the United States and Mexico, $1.00 per year in advance. All other foreign subscriptions (including Canada), $1.50.

Personal checks will be accepted for sums not less than $1.00.

The date following the address on the wrapper of each paper indicates the time to which subscription is paid, and is to answer the purpose of a receipt.

When a subscriber wishes his subscription discontinued, he should notify his nearest office.

Offices of publication, Hastings Bldg., Lacona, N. Y., and 1025 Sherman Ave., Madison, Wis.

Approved cuts of meritorious Holstein-Friesian animals, when furnished, will be published free of charge.

If photographs are sent, cuts will be charged for at cost price.

All matter for publication in the Western Edition must be received by the Saturday preceding date of issue.

Advertising rates sent on application.

Boosting the World

Boosts the Booster

Editorials

Why Holstein-Friesians?

To the oft repeated question "What breed shall I select?" the journals that try to represent all, and therefore, in reality, represent none, reply, "Select that breed that you like the best." Manifestly this reply is noncommittal and can mean very little to the inquirer. The factor which most often determines liking for a dairy breed is that of profit, and this requirement demands a ready adaptability to special conditions.

The Holstein-Friesian is cosmopolitan and her excellencies, many. The Jersey is a one-quality breed. Her distinction is a high percentage of butter fat, but this is offset by a comparatively small production of milk and diminutive size. Her sister, the Guernsey, is characterized by the same tendency, but not quite so pronounced in degree.

On the other hand the Holstein-Friesian produces a large quantity of milk, showing a normal percentage of butterfat which is more finely emulsified than that produced by other breeds. On this account the fat does not separate so readily as is the case with the other breeds, which renders it especially well adapted to transportation, for city consumption. The normal percentage of fat and the smallness of the fat globules renders this milk more readily digestible and assimilable; this, with the high content of proteids, especially adapts it as a substitute for mother's milk in the rearing of young children.

It may not be generally known that butter fat and milk sugar are readily interconvertible substances in the Bovine Laboratory. Investigation has shown that in a given quantity of milk solids, when the percentage of butterfat is high the percentage of milk sugar is low, and vice versa. Both butterfat and milk sugar being carbo-hydrates and interconvertible, it follows that there is little difference in the production of heat calories, or energy, from the consumption of milk high in butter fat and low in milk sugar, or lower in butter fat and high in milk sugar. Of course the protein, or nitrogenous content is the more important element for growing and developing animals, since it is the tissue-building element. This is not materially influenced by the nature of the carbo-hydrogen constituent of the milk. Thus it will be seen that the Holstein-Friesian breed is best fitted both by the quantity, and quality of her milk in every particular, to supply the rapidly increasing city demand for raw consumption.

It sometimes happens, through ignorance of the facts, that municipalities have discriminated against Holstein-Friesian milk, by foolish and unjust standards, usually in the direction of too high a percentage of butterfat. Even with this handicap the milk producer can better afford to keep Holstein-Friesians than either of the high-percent-fat breeds.

Suppose that a city requires a 4 per cent fat milk, the milk producer cannot afford to produce a 6 per cent Jersey milk for a 4 per cent standard price. He cannot reduce the percentage to standard, either by skimming or watering, as both of these methods are prohibited by law. There is, however no law against re-inforcing the milk by the addition of cream. If the Holstein-Friesian milk falls below the standard in butter fat, a small portion may be skimmed and the cream added to the balance to bring it to the standard. The skimmed milk will not be wasted as it will always be needed as a feed for the calves which every milk producer should raise, and not depend upon purchase to keep his milking herd intact. In the one case the producer must sell a 5 or 6 per cent milk for a 4 per cent price; in the other case, he gets paid for what he delivers.

Of course in such a locality the milk producer might keep a mixed herd, part Holstein-Friesians and part Jerseys, or Guernseys; but manifestly the better way would be to breed 4 per cent Holstein-Friesians as it is an established fact that many families of the breed will produce milk that tests four per cent or better.

Holstein-Friesians hold all the records for the highest production of both milk and butter fat. It therefore needs no argument to prove that they are superior producers when butter and cheese are the products sought.

The production of a large quantity of milk of a superior quality for raw consumption or for the manufacture of butter and cheese, is not the only reason why the Holstein-Friesian is the most profitable cow for the dairy. It sometimes happens that promising animals are non-breeders, and frequently through injury or from other cause a good animal ceases to be a profitable producer. Besides these incidental cases, all members of a herd eventually pass the period of maximum production and must be replaced by younger animals. It is characteristic of the Holstein-Friesian that when she is not giving milk she very readily lays on body fat. This tendnecy with her generous size, often 1,600 lbs. or more, renders her especially valuable for beef. She will always bring a good price, if not for dairy products, then for beef.

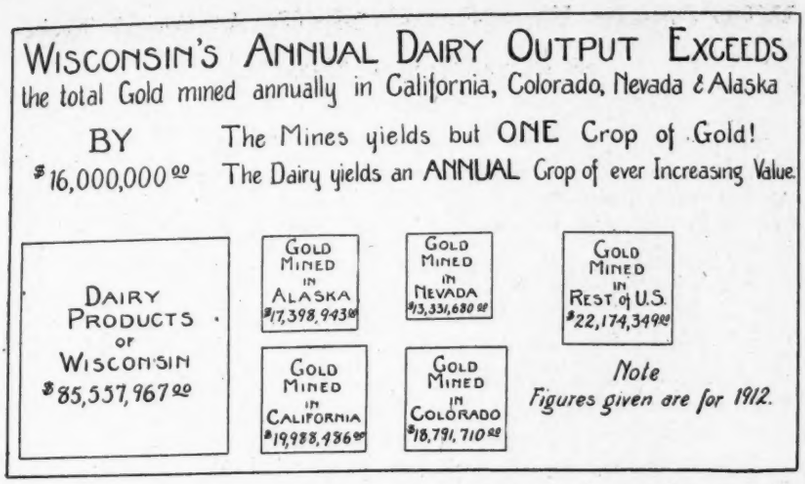
Her calves are large, frequently reaching as much as 125 pounds at birth. They develop rapidly and when not desired for breeding purposes, make quick and profitable veal. The surplus males from Holstein-Friesian grades, develop large, growthy steers, or powerful work animals, in those parts of the country where oxen are still economically useful.

Even Holstein-Friesian hides will bring double the price of the hides of the diminutive breeds. Here then is set forth a few of the reasons "Why Holstein-Friesians?"

"It is almost impossible for an H.-F. breeder to get along without the World for fresh Holstein news."—W. P. Kissinger, Waupaca, Wis.

* * *

"I am very much pleased with the H.-F. World."—J. H. Norton, Mesa, Ariz.



Prospects

This nation's agriculture is by far its most important industry, not only because it is our agriculture upon which we are directly dependent for livelihood but because it represents vastly more wealth than any other single industry, and say, isn't summer opening up with one of the most promising seasons ever known. Last year we had one of the largest wheat crops in history and, to date, the outlook indicates a larger crop than last year and the price is way up. It looks like a great season for corn; alfalfa always does well and the grass can't help but grow. Then the great dairy industry of this country is bound to give forth in its usual abundance. The value of its dairy products is indicated by the accompanying illustration and won't the price be most gratifying. Can't help it. Then don't feel sad if your bull calf goes cheap in the sale ring this season—war and pestilence are destined to have some bad effects. Plain bred bull calves never were a great drawing card in a sale ring and less so this season. Due to the quarantine, breeders have found it impossible to move their crop of bull calves, consequently when they are all loaded into the spring auction sales in a bunch, they go at somewhat of a sacrifice. More bull calves were sold in the Waukesha, Lake Mills and Watertown sales held last week in Wisconsin than ever before, and the prices received for them were moderate, perhaps all they were worth. The value of a Holstein animal is quite an unknown quantity, dependent on a thousand conditions. In general an animal is worth just what you can get for it. An animal sold in the morning may bring $100 when if resold again in the afternoon among the same crowd of buyers, it may bring $125, or perhaps only $75. The only way one can get anything like an accurate estimate of the value of Holsteins in general is to get the average of all the animals sold during a year. The top price of the three sales was $6,800 received for King Segis Pontiac Polkadot consigned by F. J. Bristol & Sons Company of Oakfield, Wis. We have not heard authoritatively as to who purchased this bull, but we understand he stays at either Lake Mills or Ft. Atkinson. This price is evidence that the good ones sold well. We believe, however, that had John Arfmann, the owner of King Segis Pontiac Alcartra, full brother in blood to the above bull, been present to speak a word for the breeding, in his enthusiastic manner, that thousands of dollars more might have been added to the price. Probably it would take $10,000 or more to buy him from his present owners. So it goes. We believe the three sales averaged well though we have not received reports as yet, but hope to be able to publish the results in a later issue.

THE SECOND EDITION
OF THE GREATEST
HOLSTEIN PICTURES
EVER PUBLISHED
FIFTY-FOUR FAMOUS HOLSTEINS
INCLUDING—
The greatest producers—nearly two dozen past and present world's champions.
The greatest foundation cows.
Five great foundation sires.
The greatest show cows.
Three 40-lb. cows.
The only 30,000-lb. cow.
A work of art—now ready for mailing.

This can be secured only with a NEW subscription to the WORLD at $1.00. (Canadian $1.50). Address your nearest office.

THE RAIN

The clouds are banked up overhead, the thunder rips and roars; the lightning hits old Jimpson's shed, and now the torrent pours. The crazy hens get wet and mad, the ducks rejoice and quack; the patient cow looks pretty sad, and humps her bony back; the hired man, driven from the field, for shelter swiftly hies; old Pluvius can surely wield the faucet when he tries. In half an hour the rain is done, the growling thunder stops, and once again the good old sun is warming up the crops. In half an hour more good is wrought to every human cause, than all our statesmen ever brought by passing helpful laws. Old Pluvius sends down the juice when he's blown off the foam, and once again high hangs the goose in every happy home. Not all the armies of the earth, nor fleets that sail the main, can bring us prizes which are worth a half-hour's honest rain. No prophet with his tongue or pen, no poet with his lyre, can, like the rain, bring joy to men, or answer their desire. The sunflowers have new lease of life, the johnnie-jumpups jump. Now I must go and help my wife to prime the cistern pump—Walt Mason.

(Copyright by Adams Newspaper Service.)

"The information in your paper is certainly very valuable to a breeder of the Black and Whites."—W. H. McIntosh, Dunkerton, Ia.

TO SEVERAL CRITICS

By F. M. A. of Auray Farms.

There's no use of my denying
  What is palpable, and that
Is the way I have been trying
  To reduce per cent of fat!
And I am pleased that very few
Have differed from my point of view,
  But some took to replying
In terms that were severe—or worse—
To what I chose to say in verse,
And have attempted to asperse
  My motive underlying.

It would be prevarication
  If I ventured to assert
That their lack of admiration
  For my rhyming really hurt;
Though I had hoped my efforts might
Find favor in their clear hind-sight
  Instead of condemnation.
But when I recollect that I
Am not expected to supply
The means to understand them by—
  It's quite a consolation!

Now I never have expected
  That my friends would all agree;
And that much might be rejected
  Was entirely plain to me;
But I never thought, I will confess,
That anyone could fail to guess,
  Who sensibly reflected,
That I'd a right—as he has, too—
To have and hold my point of view
So long as I believed it true
  And courteous words selected.

When a thing can be debated
  It seems reasonably clear
That each side should be well slated
  Without offense or fear;
And that it is not argument
To lose one's temper, and resent
  What haply, may have grated;
Because one seems to thus admit
That, after all, the cap did fit!
And those who have the best of it
  Are apt to grow elated.

If I really have offended
  Any man, I much regret
What was surely not intended
  To be personal; and yet
Why should a man just take offense
And not reply with common sense?
  For the debate's not ended.
If I'm so wrong, why not sit tight,
Then rise up in your truth and might,
And prove that you are in the right?
  That would, indeed, be splendid!

"I received the elegant picture in due time but neglected to notify you of same. I assure you that it has received great favor with myself and family and want you to accept my many thanks for your kindness."—Hallie L. Hill, Waupun, Wis.

Wisconsin Breeders' Sixth Annual Sale at Watertown, May 7-8.

The following includes all animals bringing $100 or more:

Consigned by W. R. Gates, Ft. Atkinson.

Animal. Sex. Age. Purchaser.	Price.
King Korndyke Veeman Wayne, m., 4 y., J. W. Goldthorpe	$815
Aconeth Iosco Posch, f., 8 years, R. D. Kundert, New Glarus	130
Winnie Pauline De Kol, f., 9 years, J. D. McDonald, North Bend	140
Bass Boone Eyre, f., 8 years, Frank Lehman, Watertown	155
Lady Rijansta Korndyke Hengerveld, f., 2 y., J. Condon, Hustisford	140
Johanna Wingra Elgin De Kol 2nd, f., 2 y., John Condon	135

Cnsigned by Fred Albrecht, Watertown.

Gem Rigtje De Kol Mercedes, f., 10 y., Henry Grell Johnson Creek	165
Jessie Piebe Netherland, f., 2 y., R. Kundert, New Glarus	140
Prince Beets Cornucopia, m., 1 y., Chas. Erickson, De Forest	100
Sadie Pontiac Boleyn, f., 2 y., H. S. Hoard, Madison	225

Consigned by Edwin Gibbs, Fox Lake.

Lady Gelle Bonheur, f., 1 y., J. S. Kutchen, Green Lake	210
Elsie Twisk Beauty, f., 3 y., H. S. Hoard, Madison	285
Johanna Colantha Belle Boy, m., calf, J. J. Reid, Oconomowoc	170
Gracie De Kol Korndyke 2d, f., 3 y., E. F. Thomas, Oconomowoc	210
Substitute, f., H. S. Hoard	255
Hilda De Kol 2d, f., 10 y., H. J. Grell, Johnson Creek	215

Consigned by Charles F. Haseleu, Reeseville.

Jessica De Kola Elbaje, f., 5 y., M. T. Haseleu, Waterloo	140
Ruth Cloth. Longfield De Kol, f., 3 y., W. C. D. Gore, Waupun	150
Jessie Hengerveld Fern, f., 2 y., J. H. Dillon, De Pere	130
Pauline Katydid Fern, f., 2 y., Frank L. Hilker, Watertown	155
Johanna Jessie De Kol 2d, f., 6 y., E. Trachte, Watertown	165

Consigned by Irwin Hooker, Hustisford.

Babe Piebe Estata De Kol 3d, f., 4 y., H. J. Grell, Johnson Creek	135
Korndyke Piebe Estata De Kol, f., 2 y., R. Kundert, New Glarus	150
Heifer calf, A. F. Ryder, Juneau	125

Consigned by Frank L. Hilker, Watertown.

Wild Rose, Fobes Homestead, f., 3 y., J. S. Hutchin, Green Lake	155
Wild Rose Fobes Homestead 2d, f., 3 m., J. S. Hutchin	105
Wild Rose Piebe Homestead, f., 11 y., J. Hetts, Ft. Atkinson	610
Wild Rose Piebe Homestead 6th, f., 1 m., Gramling Bros., Dousman	205
Wild Rose Jones 2d's Piebe 2d, f., 6 y., F. B. Green, Evansville	500
Wild Rose Piebe Beets, m., 4 m., Caniff Bros., Rolling Prairie	165

Consigned by Robert Luedke, Juneau.

Heifer calf, A. F. Ryder, Juneau	160
Heifer calf, A. F. Ryder	155

Consigned by Robert Last, Watertown.

Choice Homestead De Kol 2d, f., 2 y., J. Christopherson	120
Loretta Melonie Piebe De Kol 2d, f., 1 y., Robt. Spencer	150

Consigned by Theodore Lehmann, Watertown.

Oak Inland Belmont, m., 1 y., Louis Priebush, Lowell	200

Consigned by Henry Luttman, Watertown.

Rose Pietertje De Kol, f., 8 y., Gus. Pipkorn, Cedarburg	170
Rose Pietertje De Kol 2d, f., 4 y., E. W. Kuhlman, Lowell	160
Jessie of Wild Rose, f., 4 y., Ben Thauer, Watertown	140
Aaggie Beets Segis, f., 2 y., Henry Peul, Cedarburg	205

Consigned by McHugh Bros., Watertown.

Princess Nancy, f., 6 y., W. Pontell, Pewaukee	155
Lily Belle Pietertje, f., 8 y., F. G. Lehman, Watertown	155
Daisy Rose Johanna Carema, f., 4 y., J. D. McDonald, North Bend	155

Consigned by James W. Mullen, Watertown.

Oak Piebe De Kol 2d, f., 2 y., J. H. Dillon, De Pere	155
Mercedes Rijaneta Ormsby 2d, f., 2 y., W. McDonald, Madison	190
Dora Ormsby Colanthus, f., 10 y., J. D. McDonald, North Bend	180
Lady Oak Colanthus, f., 8 y., John Bradley, South Randolph	200
Jessie Ormsby De Kol, f., 9 y., F. B. Green, Evansville	100
Aaggie Barbetta Ormsby De Kol 2d, f., 4 y., J. D. McDonald	180

Consigned by O. E. Mullen, Watertown.

Heifer calf, J. S. Kutchin, Green Lake	120
Erna Helena Fobes, f., 1 y., S. T. Jones, Watertown	135
Lula Melba Josephine 2d, f., 1 y., A. F. Ryder, Juneau	110
Altje Salo Rose of Cedar Home, f., 9 y., E. F. Thomas, Oconomowoc	180

Consigned by Horatio Ryder & Son, Hustisford.

Clothilde Piebe Homestead, f., 3 y., E. F. Thomas, Oconomowoc	220
True Lass Homestead De Kol, f., 4 y., H. S. Hoard, Madison	155

Consigned by Harvest Farms Co., Mayville.

Segis Homestead, m., 1 y., Geo. A. Martin, Dousman	155
Harvest Wild Rose, f., 2 y., Jas. E. Barstow, Randolph	600

Primrose Jessie Johanna Inka, f., 2 y., S. T. Jones, Watertown	380
Pansy Elbaje Johanna Inka, f., 2 y., Andrew Beck, West Bend	110
Smilax Daisy Johanna Inka, f., 2 y., S. T. Jones, Watertown	285
Harvest Josephine, f., 3 y., R. A. Cebell, Watertown	140
Harvest Pontiac Helena Burke, f., 4 y., J. S. Kutchin, Green Lake	165
Abbie Wayne Cornucopia De Kol 4th, f., 5 y., Harry H. Hoard	180
Quoque Mooi Hamilton, f., 4 y., F .G. Lehman, Watertown	115
Hamel Mercedes Piebe De Kol, f., 4 y., J. D. McDonald	215
West Side Idaline 2d, f., 3 y., E. W. Kuhlman, Lowell	240
Esther Walker Beets, f., 3 y., H. H. Hoard, Chester	175
Harvest K. A. Homestead. m., 2 m., Auctioneer Kelley	300
Brookside Aaggie Longfield 2d, f., 6 y., J. D. McDonald	305
Substitute, J. E. Barstow, Randolph	350
King Segis Pontiac 18th, m., 1 y., E. E. Butters, Marshfield	500
Consigned by J. E. Piper, Watertown.	
Male calf, R. Cebell, Watertown	105
Heifer calf. J. D. McDonald, North Bend	200
Heifer calf, E. W. Van Buren, Waukesha	250
Heifer calf, A. W. Fischer, Oconomowoc	220
Heifer calf, J. D. McDonald, North Bend	200
Consigned by E. W. Duebke, Hustisford.	
Josie Oak De Kol Homestead 2d, 2 y., A. B. Green, Evansville	130
Jess De Kol Queen Java Frisby, f., 1 y., H. S. Hoard, Madison	125
Jessie Perfection De Kol 3d, 3 y., H. S. Hoard, Madison	115
Consigned by F. G. Lehmann, Watertown.	
Kitty De Kol Statesman, f., 3 y., Wm. Lehman, Watertown	140
Consigned by R. A. Ryan, De Pere.	
Elmwood Hengerveld Lilac, f., 2 y., R. A. Cebell, Watertown	150
Elmwood Pontiac Butter Girl, f., 5 y., R. A. Cebell, Watertown	230
Arcady Pontiac Bowen Clothilde, f., 8 y., H. S. Hoard, Madison	285
Elmwood Hengerveld Johanna, f., 4 y., H. S. Hoard, Madison	260
Duke Veeman Elmwood, m., 1 y., J. Christopherson	100
Heilo Pontiac Burke, f., 8 y.. Gramling Bros., Dousman	185
Consigned by Henry Wieman, Watertown.	
Nannie Aaggie, f.. 3 y., J. H. Dillon, De Pere	150
Jennie Wit Segis, f.. 2 y., M. A. Witte, Watertown	170
Selma De Kol Segis, f., 2 y., H. H. Hoard. Chester	150
Lady Flossie De Kol. f., 6 y., F. G. Lehmann, Watertown	250
Lady Flossie Segis Korndyke, f., 3 y., E. F. Thomas	210
Bess Blanche De Kol, f., 3 y., S. T. Jones, Watertown	195
Olive Goat Segis Korndyke, f., 4 y., E .F. Thomas, Oconomowoc	190
Julia Wit Freddie De Kol, f., 5 y., E. F. Thomas, Oconomowoc	235
A total of 94 head brought	$18,690
Average per head	$199

Breeders' Bulletin Board

G. H. Truckell, Elgin Ill., and Liverpool, N. Y., writes:

Truckell Certificate Envelopes and Test Books can now be obtained both from Elgin, Ill., and Liverpool, N. Y., the two offices of the Holstein Sales Company, of which the writer is Secretary. The rapidly growing business of this company and the plans for further expansion necessitate the Secretary being in the Middle West a portion of the time. From the many breeders attending the Lake Mills and Watertown Sales many favorable comments were received respecting both Test Books and Envelopes which are regarded as being the best for the purpose ever offered cattle owners. The envelopes serve a double purpose, they not only keep all papers of any individual animal together, forming a means of ready reference, for anything needed, but with the pedigree form on the face, they are a decided help in describing an animal by letter or offering personally to a prospective buyer. Nearly fifty thousand are now being used by owners of Holstein Cattle, surely proof that they fill a long-felt want.

Harrie W. Gleim, Arlington, Iowa, writes:

This last week we received word of the death of our old sire Pledge De Kol Butter Boy 29980. His death which occurred in his fourteenth year from old age happened at the home of Myron E. Talcott of Maynard in whose herd he has been in service for the past five months.

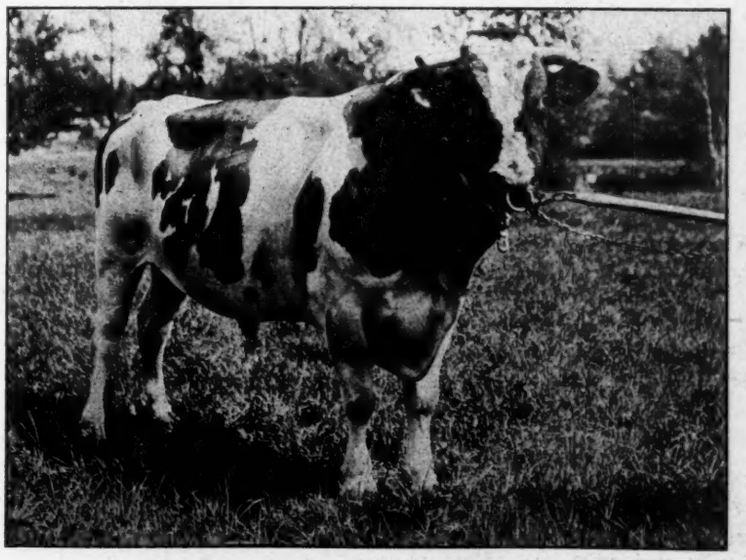
Pledge De Kol Butter Boy 29980 was raised by Henry Stevens & Sons, a son of De Kol 2d's Butter Boy 3rd, now world famous through the performance of his daughters and granddaughters, and of the cow, Fanny Pledge, whose most noted achievement was the production of 100 lbs. milk in one day. He was sold to W. K. Sexton of Howell, Mich., and remained at the head of his herd until its dispersal in 1911. At this sale he was bid off to parties in Canada, but they failing to take him at my insistence, he was purchased by myself and my father, W. C. Gleim, and brought to Iowa. No longer a sure breeder we did not get the calves from him that we should have liked, but he left us eight, four of which were heifers, and a chance to get two more. The W. C. Gleim Holstein Co. has chosen one of his last calves—Wildare Pledge De Kol Butter Boy—a son of Wayside Rose De Kol 136867, A. R. O. 26.73 pounds to head their large herd. Perhaps his most noted daughter is our Gaza Aconeth Pledge De Kol 81225 because of whose work I desired to own her sire. This Spring freshening at the age of 10 years and 4 months she made the A. R. O. records in 7 and 30 days of 24.828 and 100.122 pounds respectively, and is now on semi-official test. During this time she also made the great milk records of 100.2 pounds, 673.2 lbs., 2,795.8 lbs. and 5,467 lbs. in 1, 7, 30 and 60 days respectively.

Although Old Pledge is no more we feel that he has left us a rich heritage and hope that our confidence in him will be justified as his last daughters freshen.

G. B. Dalrymple, Battle Ground, Wash., writes:

We have recently completed 7-day tests of two heifers out of 11 head purchased by C. W. and H. A. Simmons, Ridgefield, Wash., from Mr. J. C. Roberts and left here for testing before being moved.

Mazie Segis, No. 205443 owned by H. A. Simmons and calving at 2 years, 6 months and 13 days made 18.263 pounds of butter from 402.6 pounds



PLEDGE DE KOL BUTTER BOY 29980
Recently died in the possession of the W. C. Gleim Holstein Co., Arlington, Ia.

of milk. Her best day's milk was 61.3 pounds. Last year calving at 1 year, 4½ months she made 11.8 pounds of butter in 7 days.

Daybreak De Kol Queen No. 206619, owned by C. W. Simmons, and calving at 2 years and 29 days tested 15.136 pounds of butter from 343.1 pounds of milk. Her best day's milk was 52 pounds even. Her half-sister Oregon Wayne Hengerveld made a 28-lb. record last month at 4 years after calving on the train the day of her arrival at her new home near Seattle.

Her dam, Oregon Hengerveld Queen 2nd No. 100589 last year at full age tested 28.656 pounds of butter from 584.8 pounds of milk and it being the first time she was ever tested. Her best day was 88.6 pounds of milk. She is almost sure to be in the 30-lb. list this year. While not record-breakers, the tests of these two heifers are very creditable, everything considered, and, barring accidents, they are sure to be heard from later.

E. M. Hastings, Sale Manager, Lacona, N. Y., writes:

To correct any possible misunderstanding I wish to announce that the New England Sale which was to have been held on May 19 has been postponed until next fall. On account of the foot- and-mouth trouble it was decided a couple of months ago to make no plans for a spring sale in Worcester but it was hoped that conditions will be such as to make it entirely safe to hold the sale next fall, probably late in September or early in October. In the fall sale the best breeders of New Engand will be represented and every effort will be made to get together the finest lot of cattle ever sold in the New England states.

E. A. Hutchins, Binghamton, N. Y., writes:

In Dr. D. B. Hand's Dispersal and Combination Sale, the Holstein public will be given a chance to buy cattle of unusual quality. The sale, which is to be held in Scranton, Pa., June 8th and 9th, consists of the dispersal of Dr. Hand's entire herd and of good consignments from several well-known Pennsylvania breeders.

Probably the most important offering will be Dr. Hand's herd sire, King Pontiac Alcartra Pietje, two years old, who is a son of the $50,000.00 King Segis Pontiac Alcartra, from a 35-lb. junior four-year-old who until recently held the World's record in her class. Among the thirty odd cows in the sale that are carrying calves by this sire, is Saltram Dijkstra De Kol, who has produced a 34-lb. daughter.

This sale differs from the ordinary dispersal sale, in that the sixty-two head in Dr. Hand's herd include only four bull calves, these four being of a quality that makes them attractive offerings.

Other contributors to the sale are:

H. A. Miller, Scranton, Pa., who offers seven head, including two sons of Woodcrest Nig De Kol from good record dams, and three daughters of Dutchland Colantha Hark, who is a 26-lb. son of Colantha Johanna Lad.

F. F. Resseguie, So. Gibson, Pa., who offers eleven head, including a son of Dr. Hand's King Pontiac Alcartra Pietje, from a daughter of a 34-lb. cow. Also several daughters of Contest Sir Cornucopia Colantha, who is a grandson of Colantha Johanna Lad and Aaggie Cornucopia Johanna Lad Jr.

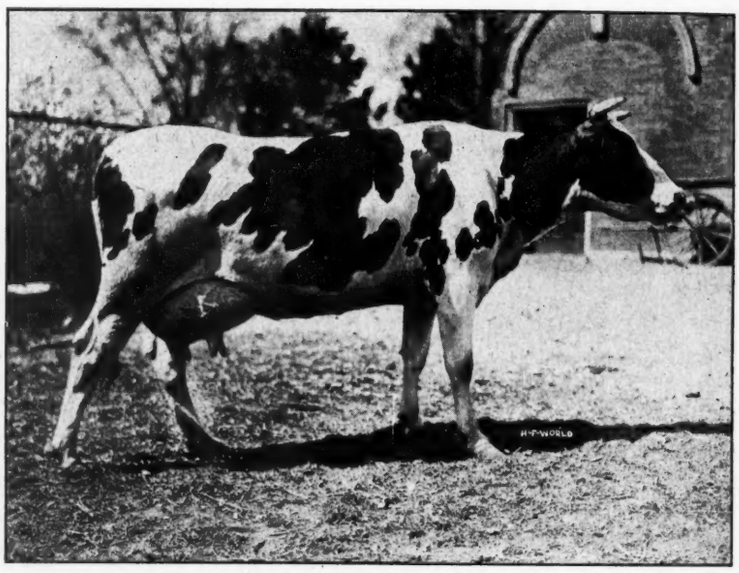
O. A. Shirey, Williamsport, Pa., who offers five head, including a two-year-old son of Judge Hengerveld De Kol, from a 30-lb. granddaughter of Johanna Rue 3d's Lad.

D. W. Davis, Uniondale, Pa., who offers a three-year-old son of a 34-lb. cow.

Mr. Kerrick of Towanda and Messrs. Stevenson & Sons of Waverly, have also promised consignments, details of which will be sent you later.

Neither of these cows were especially prepared for the testing. They were not in good flesh and if they had been in the hand of some experienced breeder would probably have made even a better showing. Their records as they stand are to me wonderful and show the immense capacity of the Holstein.

I want to give the World a share of the credit, for without the articles that were published on testing this winter I would have been severely handicapped. They were an immense help and I feel it will be a long time yet before I can get along with such advic e,and so I am enclosing a check for $5.00 with the request to you to put me on the paid-up subscription list for the next five years.



FORUM PAPPOOSE PONTIAC
Senior 3-yr.-old: 7 days butter 24.85; milk 725. 14 days butter 49.77; milk 1424. Best days milk 106 lbs. Owner, Dr. J. H. Oughton, Duright, Ill.

Dr. J. H. Oughton, Dwight, Ill., writes:

When I was in the South this winter I received a notification that my subscription to the World had expired, and under no circumstances would I be willing to do without the World.

I bought a small herd of Holstein heifers two years ago and at that time had practically no experience in the dairy line. I commenced official testing as soon as the heifers freshened and this year with their second calves I have been able to make an excellent showing for my herd. Every cow in the herd is now A. R. O. with seven-day records from 21 to 25 lbs. I am sending you two photographs of heifers who have made what is to me exceptional records, especially milk records.

The one Mokena Aaggie Grace Johanna, a junior three-year-od, made in seven days 25.27 pounds of butter from 723.8 pounds of milk; in fourteen days 50.24 pounds of butter from 1,398 pounds of milk. Her highest day's milk was 108 pounds.

The second cow, Forum Pappoose Pontiac, a senior three-year-old, made 24.85 pounds of butter from 725 lbs. of milk in seven days and 49.77 lbs. of butter from 1,424 pounds of milk in fourteen days. Her highest day's milk was 106 pounds.

A. C. Hardy, Brockville, Ont., writes:

We have been promising the Holstein public that we would make our first public sale, just scheduled for May 26, the best one of the year. We have accordingly made our selection with this end in view and are willing to let the public be the judge as to whether or not it deserves to be the leading sale. We will sell between 50 and 60 animals including Belle Model Johanna 2nd, 37.01 lbs. in 7 days, 148.40 lbs. in 30 days, the Champion mature cow of Canada. She likewise has a 32-lb. four-year-old record, the second largest ever made in Canada, and is the dam of the present Canadian Champion three-year-old, Belle Model Pietje, 33.60 lbs. She was sired by one of the best sons of Hengerveld De Kol and is from a 25-lb. daughter of Johanna Rue 3d's Lad. In addition she is good enough individually to win at some of the largest exhibitions of Canada. She is now only five years old and, to put it mildly, is as good a cow as was ever sold in a public sale. We are also offering Pietje Pauline Hengerveld, the Canadian Champion senior three-year-old with a record of 31.76 lbs.,

one of the three 30-lb. three-year-old daughters of our former herd sire, Prince Hengerveld Pietje. We are also putting in five other daughters of this bull including three other 3-year-olds with records above 24 lbs. and two with two-year-old records of 17 and 19 lbs. The third 30-lb. cow is Brooklands Korndyke Wayne, a heavy milk producer with very good 30 and 60-day records.

For the past few years we have been using King Pontiac Artis Canada, a son of King of the Pontiacs and Pontiac Artis (considered by many to be the best daughter of Hengerveld De Kol.) We now have over seventy of his daughters with twenty-five more calves to come and for this reason we are offering him in the sale. He is one of the very best sons of his sire and is bound to have a great reputation from the work of his daughters in our herd. The first three have now freshened, each producing over 19 pounds as two-year-olds. These three are all going in the sale together with three others—six in all. We are also offering a yearling son of this bull from our world's famous cow, May Echo Sylvia, with 7-day records of 874 pounds of milk, 36.33 lbs. of butter and who has averaged over 120 pounds milk per day for the past 40 days in test and still gaining.

In addition to their records and breeding, our animals have size and individual merit sufficient to make them outstanding winners in almost any competition. They are young and healthy and are bound to make a good investment for the purchaser regardless of the price he has to pay. If you will come to Brockville at the time of the sale, we are confident of our ability to convince you that our claim was amply justified.

———o———

Auray Farms, Sparta, N. J., write: Our second sale since the first of the year of foundation stock to go into the state of Mississippi, is that of a handsome and exceptionally well bred young heifer, a daughter of King Segis Pontiac Clorinda. She goes to Mr. Thomas Lucas of Greenwood—the other was a Clorinda bull for the herd of Mr. C. A. Roper, of Georgetown. Mr. Lucas' heifer carries a remarkable combination of celebrated and world's record blood with a double cross of De Kol 2d through Hengerveld De Kol, and a double cross of King Segis through Miana De Kol King Segis and King Segis Pontiac, besides going directly on the sire's side to King of the Pontiacs and through him to Pontiac Korndyke. This is our specialty—our favorite combination of breeding and one that seems never to fail in producing good results. The heifer's dam is a show cow, now 4 years old—Winana Segis Hengerveld, an A. R. O. daughter of Winana De Kol King Segis (dam Winana De Kol Korndyke 31.22 lbs.) who is a brother of King Segis De Kol Korndyke, the sire of Mable Segis Korndyke, the phenominal 4 year-old cow that recently established new world's records for her class and is reported to have exceeded 40 pounds. Her first calf, now owned by us and due to freshen in May, was by the world's record sire King of the Pontiacs. Her second, a bull, heads the large herd of Mr. Alva E. Decker, of La Fayette, N. J.; while her third and latest goes to Mr. Lucas, and we hope that before very long we will hear that she has set new marks for milk and butter production in his section.

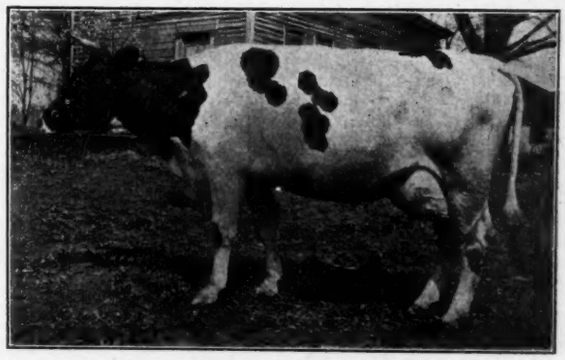
———o———

W. B. Barney & Sons, write:

We received the combination picture some time ago and think you have succeeded in producing a group of real value in a most artistic manner.

The issues of THE WORLD for March 27th and April 24th proved to be of unusual interest to us on account of the articles entitled "New Honors for Aaggie" and "By Right of Inheritance".

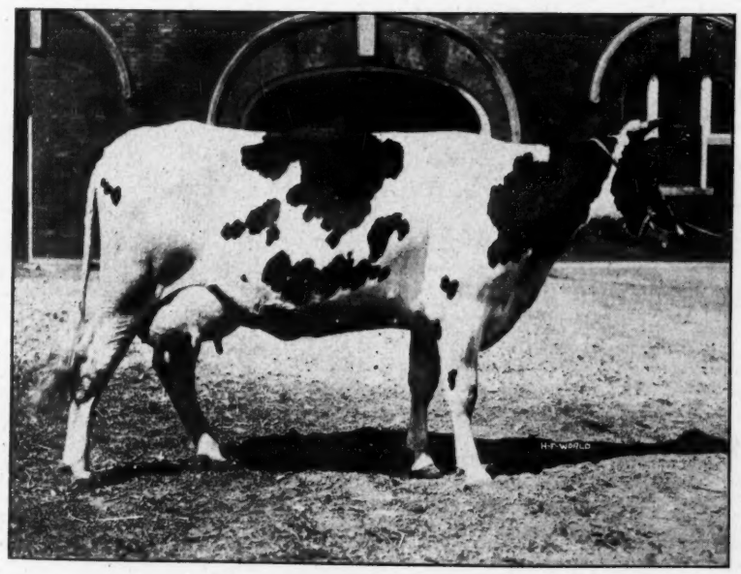
SIR SADIE CORNUCOPIA, bred and developed by Mr. Quentin McAdam and now at the head of Home Farm Herd, combines in the closest manner the blood of Aaggie Cornucopia Pauline and Sadie Vale Concordia, the two cows featured strongly in the above mentioned articles. We feel that it gives no little distinction to Sir Sadie that his dam should be the only 30-lb. cow having a 41-lb. daughter with a 38-lb. daughter; and that his sire's dam should be the only 34-lb. cow having a 30-lb. daughter with a 30-lb. daughter. The reports of Superintendent Gardner under date of April 17th give a new record for Sadie Cornucopia Mignone of 31.74 pounds butter, her former record being 30.42 pounds. This gives Sir Sadie two 31-lb. daughters from the 33 officially tested. We regret that our herd at this time is not larger so that greater opportunities might be offered for a bull of such breeding.



LINDALE BONNIE PAULINE

Butter 3 1-2 yr.	25.37
Milk	681.10
Butter 30 days	103.72
Milk	2817.30

A daughter of Linden Butter Boy Pietertje. 3 of her sisters are going in the Lockwood Ohio Sale, May 18. Owned by R. E. Dillon, Williamsfield, Ohio.



MOKENA AAGGIE GRACE JOHANNA 197371

Junior 3-yr.-old: 7 days butter 25.27; milk 72.3. 14 days butter 50.24; milk 1398. Best days milk 108 lbs. Owner, Dr. J. H. Oughton, Dwight, Ill.

———o———

French military estimates show that about 25,000,000 horse power is developed in the explosion of a charge from one of the biggest cannons now in use.

* * *

About 60,000,000 salmon are saught yearly in the waters of Alaska. Approximately 100 canneries are in operation annually. The fish are caught by seines, traps, and gill nets.

TESTS IN PROGRESS IN WISCONSIN

Following is a list of supervisors now engaged in conducting tests of Wisconsin Holsteins, with the name of the owner in each case:

Supervisors and Owners.

I. Blood Jr.—C. A. Schroeder, West Bend.

M. R. Carlson—A. B. Dickinson, Lake Geneva.

H. L. Ellis—C. C. Fries & Son, Richland Center.

C. C. Hazen—Pabst Farm, Oconomowoc.

A. K. Luebke—Harvest Farms, Mayville.

E. F. Oeldrich—Edgewater Farms, Ft. Atkinson.

H. L. Pierce—M. E. Petrie, Elkhorn.

A. O. Puls—Stephenson Farm, Kenosha.

F. M. Sharp—Northern Hospital, Oshkosh.

S. Van Kooy—Peter Ulrich, Lomira.

C. Van Vuren—Fred Kohlwey, Grafton.

H. A. Weymouth—Frost & Frost, Almond.

ROY T. HARRIS, *In Charge of Dairy Tests.*

The letter "F" plays a big part in life. It starts with the farm and the farmer; he must f-ertilize the f-urrows, send his best f-ruits to the f-air, and plant for the f-uture. His f-ields must be f-ree f-rom weeds and f-ilth, his land clear of legal f-ees, but f-ull of f-ruit, and f-amous f-or f-ull measure and f-ine f-lavor. Good f-ences eliminate f-ury, he guards against f-ire, and takes the Holstein-Friesian World.

PUBLIC SALE CALENDAR

May 4, 1915—Waukesha Breeders Sale, Waukesha, Wis.

May 5-6, 1915—Lake Mills Holstein Breeders' 11th Semi-Annual Sale, Lake Mills, Wis.

May 7, 8—Watertown, Wis., Watertown Breeders' Sale.

May 11—New Milford, Conn., Western Conn. Breeders' 2d Annual.

May 12—Los Angeles, Cal., Ascot Park, Absolute Dispersion Sale, J. W. McAlister, Jr., Mgr.

May 17, 1915—H. E. Totten. Cress Lawn Farm, Gustavus, Ohio. 100 head.

May 18—At Maple Lawn Farm, M. M. Wakeley & Son, Harvard, Ill., 70 head.

May 18, 1915—Combination Sale—Case & Clark & Pierce Bros., Lockwood, Ohio.

May 19—Howell, Mich., Livingston Co., Breeders.

May 20—La Grange, O., Pelton & Dague Dissolution Sale.

May 24, 25—Canton, Ohio, Ohio Holstein Breeders' 1st Consignment Sale.

May 26, 1915—Brockville, Ont., A. C. Hardy.

June 3-4, 1915—Breeders' Consignment Sale Company's 18th Sale, Syracuse, N. Y.

June 8—Sheboygan County Breeders' Sale.

June 8-9, 1915—Dr. Hand's Dispersion, Scranton, Pa.

June 16-17—Tri-County Breeders' Sale, Sidney, N. Y.

Holstein Auctioneer

To insure the success of your sale you need Kelley in the box

For dates write

COL. B. V. KELLEY Syracuse, N. Y.

Col. D. L. Perry

THE

HOLSTEIN AUCTIONEER

I also sell satisfaction.

Columbus, Ohio.

When in need of an Auctioneer

Let White Do It

Long experience with Holsteins and thorough training in Jones' Auctioneering School, Chicago.

Dates made anywhere.

ROY WHITE

Woodstock Illinois.

A SUCCESSFUL HOLSTEIN SALE

Requires

THE RIGHT AUCTIONEER

Satisfied patrons all over the country testify to the quality of my work.

For dates and terms address

COL. CAREY M. JONES,

14 No. Sacramento Blvd., Chicago, Ill.

YOUR HOLSTEIN SALE

needs

MACK

Always on the job—for RESULTS.

In the box or in the ring.

For dates address

COL. J. E. MACK

Ft. Atkinson Wisconsin.

WHITE SCOURS

To prove that CURA-BOS positively cures White Scours (also prevents the disease) WE GIVE ONE **TRIAL BOTTLE** to stockmen for 10c in stamps to pay postage and packing.

SAVE NEW BORN CALVES

Breeders everywhere, such as Wm. M. Jones, Waukesha Co. Wis., Guernsey Breeders Association, Stevens Bros. Brookside (Holstein) Herd, Liverpool, N. Y. and hundreds of others who started with sample are now buying in quantity. If you expect calves, get sample now. Regular Bottle $1.00

TROY CHEMICAL CO. 78 Commerce Ave., Binghamton, N. Y.

We are also the manufacturers of the world famed **Save-The-Horse,** for Bone and Bog **Spavins,** ring bone Thoroughpin,—and all shoulder knee, ankle, hoof and tendon disease. $5.00 per bottle. Every bottle sold with a **Contract-Bond** to return money if remedy fails, at all Druggists or post paid on receipt of price. But write and we will send our—BOOK—Sample Contract and Advice—ALL FREE to (Horse Owners and Managers—Only).

HELPS FOR HOLSTEIN BREEDERS

Truckell Test Books, 60c each.

(Figuring Table included.)

Truckell Certificate Envelopes $1. per 100, one cent each. (Any quantity.)

G. H. TRUCKELL

Elgin, Ill., and Liverpool, N. Y.

FOR SALE:—Bull calves out of A. R. O. dams born Dec. 1914 Dams' blood backed by Creamelle Vale, World's Champion cow. Among sire's ancestors are Hengerveld De Kol, King Segis and De Kol 2d's Butter Boy 3rd. Also a two-year-old herd sire (32.74 lbs. in 7 days.)

John Halibauer, Strykersville, N. Y.

FOR SALE:—Two thoroughbred registered Belgian stallions, 3 years old. Fine individuals. For sale for cash or exchange for thoroughbred Holstein females of any age.

VALLEY VIEW FARMS,

Lounsberry, New York.

FOR SALE our junior herd sire, Eli Sir Pontiac. His dam has an A. R. O. record of 24.60 and sire's dam 31.28. He is ¾ white and a show bull ready for service. The first check for $250 gets him.

NEAL HOUSLET

Oxford Wis.

UNEEDA KORNDYKE HERD

Holstein-Friesian Cattle

Just a few sons of King Segis Pontiac Polkadot left. Going fast. Write quick if you want one.

F. J. BRISTOL & SONS COMPANY,

Oakfield, Wisconsin.

IF WE CAN'T SHIP HOLSTEINS WE CAN SHIP EGGS

R. C. Brown Leghorns Bred-to-lay kind.

All descended from 236 egg hen.

$1.00 and $1.25 per setting.

$4.00 and $5.00 per hundred.

White Indian Runners.

"Fishel Strain" direct.

Prize winners. $2.50.

JOHN J. WALRATH

East Springfield New York.

Homewood Farms

RYE, NEW YORK

The 2-year-old bull we offered recently has been sold.

We now offer the following young bulls. Ready For Service.

1. Born Sept. 28, 1913.
   Sire—Prince Ormsby Beets, No. 71712.
   Dam—Gretchen Hengerveld Pietertje, No. 79405.
2. Born Oct. 13, 1913.
   Sire—Prince Ormsby Beets, No. 71712.
   Dam—Netherland Nemesis De Kol 2d Lass No. 129936.
3. Born Dec. 22, 1913.
   Sire—Prince Ormsby Beets, No. 71712.
   Dam—Blanche of Stony Ridge, No. 154569.
4. Born Nov. 1, 1913.
   Sire—Dummerston 36, No. 105-043.
   Dam—Londonderry Allons Lyons, No. 131426.

These bulls are all well bred and splendid individuals. We hope to give their dams records in the near future.

The dam of Prince Ormsby Beets, MANOR DE KOL LADY BURKE 3D, No. 79931, has an A. R. O. record of 24.81 lbs. He is by PAUL BEETS COLANTHA, No. 48269, who has 12 A. R. O. daughters, one with a 30-lb. four-year-old record.

Dummerston 36, is by the great ADMIRAL WALKER GELSCHE, No. 44227. His dam is a three-quarter sister of the dam of the World's record cow.

ADMIRAL WALKER GELSCHE, is our Senior Herd Sire.

Herd regularly tested for tuberculosis.

Richard T. Wainwright

RYE, N. Y,

TRUE AS PREACHIN'

The combination of the blood of Pontiac Korndyke and King Segis has produced some of the greatest and most popular animals of the breed. Both strains are every day growing in popular approval. The man who has these lines of breeding for sale never lacks buyers.

Here Is Your Chance To Get In On It.

Our herd sire, Prince Korndyke Pontiac 94632, is one of the most promising sons of Pontiac Korndyke, being from a 33-lb. daughter of Pontiac Korndyke. We now offer two of his sons—full brothers—one a year old last December—ready for immediate service; the other born Jan. 4, 1915. Both are splendid individuals.

The dam, Hilldale Gem Segis, has records of 28.6 lbs. butter, 6099 pounds milk in 7 days as a 4-year-old, with second calf, and over 22 lbs. as a senior 2year-old with first calf. She was tested by an inexperienced man, and is *sure to go over 30 lbs.* in a later test. She was by King Segis Beets, conceded by many to be the best son of King Segis and from a dam that has three 20-lb. two-year-old daughters.

We are pricing these young bulls to sell at once. Write for complete information and price.

HUGH J. DAVIS,

MAPLE RIDGE HERD BROADALBIN, N. Y.

Herd headed by

GRANITE STATE HOLSTEINS

DUTCHLAND PIETERTJE LEDA
(Photo at 2 years)

THE FOUNDATION:

Altuna Christina 23.72
Milk, 1 day 98.4

Her daughters:

Altuna Christina Cornucopia, 4 years 28.711

Altuna Christina Caroline 24.157
Milk, 1 day 101.8

Altuna Christina Polly at 22 mos. 12.66

Granite State Pietertje Altuna, 7 mos. old.
We hope for more.

Junior Sire: Granite State King Pontiac, by Spring Farm King Pontiac 6th, ⅞ brother to the 44 lb. cow; out of Altuna Christina Cornucopia, at 4 years, 28.711 lbs. butter in 7 days. Average 4 nearest tested dams, 31 lbs.

Elnwood Farm JOHN E. POTTER, CONWAY, N. H.

HOLLYWOOD FARM

Herd headed by **Hollywood Lilith Palmyra 118678.**

Sire—King Palmyra Fayne 72099.

His first five daughters to freshen averaged over 20.1 lb. butter in 7 days at the average age of 2 years 3 months.

Dam—Lilith Queen Pauline 110568.

7 days milk	564.3 lb.	7 days butter	32.4 lb.
30 days milk	2420.3 lb.	30 days butter	117.8 lb.
365 days milk	26135.9 lb.	365 days butter	1075.8 lb.

The herd consists of 123 A. R. O. cows, among which are:

9 cows with official records of over 110 lb. milk per day.
5 cows with official records of over 30 lb. butter in 7 days.
14 cows with official records between 25 and 30 lb. butter in 7 days.
12 cows with official records of over 100 lb. butter in 30 days.

	7 days		30 days		365 days	
	Milk lbs.	Butter lbs.	Milk lbs.	Butter lbs.	Milk lbs.	Butter lbs.
Pietertje Floa Artis	494.5	38.141	2377.6	140.025	....	.....
Lilith Queen Pauline	564.3	32.4	2420.3	117.8	26135.6	1075.8
Piet. Korndyke Abbekerk	674.0	25.8	2670.1	106.5	23874.2	984.8
Inka Beets De Kol at 2yrs. old	492.6	20.6	2061.8	84.6	19673.6	954.4
3d's D. K. 2d Lass at 4 yrs.	560.6	27.0	2364.7	107.7	21860.0	891.4
Queen of the Hengervelds	643.2	26.6	2773.0	106.4	23787.5	878.09
Kate Pontiac at 4 yrs.	672.9	25.4	2652.2	98.7	23935.3	805.01

A few well bred bull calves for sale whose two nearest dams average over 800 lb. butter in 365 days. One bull calf whose two nearest dams average 31.8 lb. butter in 7 days, and whose six dams average 27.0 lb. butter in 7 days.

Correspondence solicited. We are not under quarantine.

HOLLYWOOD FARM HOLLYWOOD, WASH.

(Near Seattle)

WHITFORD HOMESTEAD HERD

Offers three bulls ready for immediate service. Good individuals and extra well grown. Sired by a 26-lb. grandson of Pontiac Korndyke. Their dams have A. R. O. records.

E. A. WHITFORD
Adams Center, N. Y.

HERE'S A BARGAIN

A yearling son of the coming sire, King Segis Pontiac Columbo, three-fourths brother to the $50,000.00 bull and with a better second dam, she being the former world record daughter of Hengerveld De Kol.

King Segis Pontiac Columbo is companion sire to Rag Apple Korndyke 8th, the $25,000.00 bull, and though only two and a half years old, he already has a large number of daughters from high record, splendidly bred cows. He is surely a coming sire and is bound to be heard from in a sensational manner very soon.

This young bull we are offering is a splendid, showy individual perfectly straight and square, with lots of class, and is nicely marked, and one-half white.

His dam was tested only once and made 19.59 pounds as a four-year-old and is from a fine producing 21.69 lb. cow, who also was tested but once. We now own them both and they will be tested and are sure to increase their records at next freshening.

We will sell this young bull at one-half his present value, or $250.00.

Buy into this splendid developing family and hitch on to its success; buy this fine young son of King Segis Pontiac Columbo and he'll boost you to success, because he'll grow into value every day. He is a bargain and you won't part with him at double the money after you own him.

Send for extended pedigree, picture and full particulars.

OLIVER CABANA, Jr.
Pine Grove Farm, Elma Center, N. Y. near Buffalo.

FREE FOR THE ASKING

If you are now using one of our A. R. O. test books, we will, upon request, send you one of our supplements. This tells the requirements necessary at any age for admission to Advanced Registry. It also contains a table showing the rate of fat or butter per week at which an animal is running, considering the total fat for a day or a milking, when the animal is milked four times per day.

Simply send a card requesting this supplement and it will be sent free of charge.

The price of the A. R. O. test book is the same as heretofore.

60c Each or Two for $1.00

LIVERPOOL SALE & PEDIGREE CO., Inc.

LIVERPOOL, N. Y.

P. S.—Have you seen our "New Improved Envelopes"?

H. M. Dunham T. E. Getzelman G. H. Truckell

Holstein Sales Company

Sales promoted and managed anywhere in North America

CATALOGS
CIRCULARS
PEDIGREES
STATIONERY
ENVELOPES
TEST BOOKS

Consignment and Dispersion Sales our specialty.

The only Interstate Organization handling Holstein Sales

G. H. TRUCKELL, Sec'y. Box 257, Liverpool, N. Y.

READY FOR SERVICE NOW

Albia Abbekerk De Kol No. 116537, sired by Briar Abbekerk De Kol whose dam and sire's dam average 29.73 lbs. in 7 days. Dam of this young sire is Bryonia Albia De Kol No. 91368. Evenly marked. Write

C. E. WARD, Palmyra, Wis.

BOND CENTURY FARM
Canastota, N. Y.

Grandsons of King of the Pontiacs, from A. R. O. dams for sale. Address

W. E. BOND
Potsdam, N. Y.

Or call at the farm W. A. Hotchkiss, Manager.

EIGHT DAUGHTERS

of Sir Ormsby Hengerveld De Kol, (64 A. R. O. daughters) recently tested made records of 20.16 lbs. to 31.12 lbs. butter in 7 days with nearly 4 per cent fat. A few young bulls for sale, nicely marked, ready for service from Ormsby cows, sired by Beauty Pietertje Prince, (line-bred Prilly bull) whose dam and sire's dam average 31.51 lbs. butter in 7 days.

For prices and pedigree write
C. B. REDDELIEN, North Lake, Wis.

A PROVEN SIRE FOR SALE

Sir Duke Artis Veeman 89283--Born January 14, 1911

Sire—Sir Korndyke Pontiac Artis 46301. 41 A. R. O. daughters, 23 with records up to over 30 lb. including 13 20-lb. 2-yr.-olds. 16 A. R. O. sons that are making good.

Dam—Pleasant Hill Topsy Veeman 101956

Butter 4 1-2 yr.	25.09
Milk	578.30
Butter 30 days	101.90
Milk	2400.90

One of the good daughters of Sir Veeman Hengerveld, who has 7 30-lb. daughters, and more above 29 lb. than any other living sire.

This is the combination that is producing all the large record daughters of Sir Korndyke Pontiac Artis. It is a combination of proven worth.

Sir Duke Artis Veeman is a good individual, 3-4 white, sure and is being offered to avoid inbreeding. He has been used in the herd of one of my neighbors, largely on grade cows. His first daughters (grades) have freshened and have been milking over 40 lb. per day on rather poor care.

The price is very low for a quick sale. Here is a bargain for some one. Send for pedigree and complete information

W. D. ROBENS, POLAND, N. Y.

LORENZO FARM

Herd Sire

LORENZO PONTIAC KORNDYKE

The 31-lb. Son of the Greatest Sire

Carrying 75 per cent of the blood of

PONTIAC KORNDYKE

His dam is Pontiac Queen Korndyke, a 31-lb daughter of Pontiac Korndyke.

His granddam, a 25.7-lb. cow, has demonstrated her wonderful transmitting power.

Lorenzo Pontiac Korndyke is going to be given an opportunity to show his worth in our select herd.

CHAS. S. FAIRCHILD, Prop. CAZENOVIA, N. Y.

PUBLIC SALE

75--Head of Registered Holstein Cattle--75

AT RIVER SIDE STOCK FARM, PENINSULA, OHIO

Saturday, May 22, 1915, at 10 oclock

Granddaughters of the King of the Pontiacs and other noted sires. A nice lot of Heifers 4 mos. to one year old.

Col. D. L. Perry, Auctioneer. D. A. ELY, Prop.

HERD FOR SALE

On account of the new ruling of the Board of Health I have decided to sell my herd of 14 cows and 11 heifers. They are of excellent breeding and are good individuals.

C E. BATES **R. F. D.** **Morris Plains** **N. Y.**

STOP, LOOK, LISTEN.

King of the Black and Whites the bull with more 30 lb. records in his pedigree than any other living sire. His first daughter to be tested as a Jr.-2-yr.-old has just made 22.42 lb. butter in 7 day, which we believe is the largest record ever made by the first daughter of any other sire.

$1,000.00

Bull ready for service, Dam a 21 lb. Jr.-3-yr.-old. Her dam and her full sister are the only pair of full sisters in the world that have each produced a 30 lb. 3-yr.-old. If interested write for pedigree.

EUGENE LA MUNION, SOLSVILLE, N. Y.

Dispersion Sale of Registered Holstein-Friesian Cattle

On May 20, 1915, on the Farm of Floyd M. Pelton, La Grange, Ohio

To settle a partnership business, Pelton & Dague will sell their entire herd of Registered Holstein-Friesian Cattle without reserve.

There will be about 50 head. They consist of fresh cows and springers. Two-year-olds due to freshen this spring; also yearling heifers and heifer calves sired by King Tehee Fayne 59821, whose two nearest dams have A. R. O. butter records that average 30 lbs. each in 7 days. We will also sell **King Tehee Fayne, one of the best bred bulls in Ohio, and sixteen of his daughters.**

Also some nice bull calves from the above sire and from good A. R. O. cows. These bull calves range in age from a few days to 11 months old. Should the Federal Quarantine prevent buyers from out of the state from shipping, we will keep the cattle free of charge until quarantine is lifted. TERMS—Cash or six months' time with bankable paper.

For Catalog, now ready, address

FLOYD M. PELTON, LaGrange, Ohio.

COL. C. E. BAYLOR, Auctioneer, Wellington, Ohio.

RUSTLE HERD

Headed by Sir Korndyke Manor Johanna No. 132835, his dam Johanna Korndyke 31.65 lbs. at 4 1-2 yrs., sire's dam a 29.86 lb. daughter of Hengerveld De Kol. His calves are the best marked, largest and best individuals we have ever had.

Three bull calves for sale. No. 1—Dam a 25.86-lb. 5-yr.-old. No. 2—Dam a 22 lb. 4 yr. old. No. 3—Dam a 17.95 lb. 2 yr. old gr. daughter of King of the Pontiacs, her dam a 24 lb. gr. daughter of Pietertje Hengerveld Count De Kol.

O. L. PRINDLE **West View** **Ohio.**

KING PONTIAC ASIA 58042, son of King of the Pontiacs, already has one 27-lb. three-year-old, a 25.94-lb. four-year-old, a 22-lb. three-year-old, and 7 two-year-old daughters whose records average 15.5 lbs. For a bull calf by this coming sire, address **M. F. Peck & Sons, Marshall, Wis.**

30-LB. BLOOD FOR SALE

1—Bull, born June 25, 1914; dam a 39.80-lb. daughter of King Segis and sold for $1,500 at public auction.

2—Bull, born Jan. 10, 1914; dam a 29.68-lb. daughter of Gordon Glen Pontiac.

The above are sired by a bull whose six nearest dams average over 30.56 lbs. butter in 7 days, and whose first two daughters to freshen made over 20 lbs. and 18.50 lbs. respectively as junior two-year-olds.

For prices and pedigrees apply to

GEO. WINTER & SON,

Adirondack Valley Stock Farm, **Chateaugay, N. Y.**

MAPLEMONT FARM.

No. 1—Bull calf, born April Sire—King Segis Pontiac Alcartra, the $50,000 bull.

Dam—Wachusett Catrina (A. R. O. butter 32.70; milk one day, 113.5; milk 7 days, 768) Price $2000.00.

No. 2—Bull Calf

Sire—Kearsarge Pontiac Butter Boy, his dam and sire's dam average over 30 lb. butter in 7 days and 116 lb. milk 1 day.

Dam—Maplemont Vinnie (A. R. O. butter 28 lb. 2 A. R. O. daughters) Price $500.00.

No. 3—Bull born Aug. 25, 1914.

Sire—Pietje Alcartra Fayne. Four nearest dams average 32.-20 lb.

Dam—Aaggie Pietje Piebe (A. R. O. 25.40 lb.) A daughter of Gracie Ward Piebe and Aaggie Pietertje Pauline, a 25-pound daughter of Paul Beets De Kol. Price $500.

J. W. PRENTISS & SON,

ALSTEAD, N. Y.

WYOMING

"MILE HIGH" HOLSTEINS

Bull calves, born and bred in the Rocky Mountains at an elevation of 5300 ft. sired by a son of Sir Korndyke Hengerveld De Kol out of a full sister to Pietertje Maid Ormsby. If you want **lungs** and **constitution,** besides breeding, try a "Mile High" once!

SHOSHONE STOCK FARM, Cody, Wyo.

KEYSTONE FARMS.

First check for $125.00 takes son of Keystone Clio Beauty, A. R. O. 18.19 lbs. butter 7 days, and 60 lbs. milk one day at two years, who is sister to Keystone Beauty Plum Johanna, the world's record three-year-old in eight months' division. This calf is light in color, born April 18 and is sired by Segis Hengerveld Beets Lyons, my junior sire, with average of 32.89 pounds. No foot-and-mouth disease in this county.

C. A. PRATT, LeRaysville, Pa.

KING COLANTHA CLOTHILDE 3d

98849

Heads our herd. His six nearest dams, including one three-year-old, average 30.58 pounds. His sire, King Colantha Clothilde, was by Colantha Johanna Lad, the great son of the first 35-lb. cow, and from Abby Hartog Clothilde, the only 31-lb. cow having a 30-lb. four-year-old daughter that has a 30-lb. three-year-old daughter. The dam was from Mary Walker Pietertje (31.81 lbs.), the only 31-lb. cow having a dam with 32.9 lbs., and a daughter with over 31 lbs. The dam's sire is Beauty Pietertje Butter King, son of Beauty Pietertje (30.51 lbs.), who has a 30-lb. daughter with a 30-lb. daughter, and Clothilde Goudgeld Hugo, who has two 30-lb. daughters, each with a 30-lb. daughter and granddaughter.

We can offer sons of King Colantha Clothilde 3d, out of the following dams—Two are granddaughters of King of the Pontiacs; one a daughter of Korndyke Abbekerk; one a granddaughter of Admiral Walker Pietertje, and one a granddaughter of Beauty Pietertje Butter King. These calves are good individuals, and will be sold for reasonable prices.

FLOCK BREWING CO.

Williamsport, Pa.

Livingston County Holstein Breeder's Sale Co.

Will sell 90 head of Registered Holsteins at the Fair Grounds at Howell, Michigan, Wed. May 19th, 1915.

Our consignments will include a granddaughter of the $50,000.00 bull; 3 cows that are sisters to cows with records of 30.31 lb. and 33 lb.; a daughter of a 3-4 brother to the $50,000.00 bull, and A. R. O. cows and daughters of A. R. O. cows. We will also offer a 3-yr.-old son of Friend Hengerveld De Kol Butter Boy.

Our reference sires include a son of the World's Record Junior 4-yr.-old for 7 and 30 days; a son of Pontiac Korndyke; a grandson of Pontiac Korndyke; a son of Pontiac Aaggie Korndyke; a son of the $50,000.00 bull; a brother to the sire of Tilly Alcartra who holds the World's milk record for one year and sons of 30 and 31-lb. cows. Catalog May 10th.

Perry and Mack, Auctioneers. **F. J. Fishbeck, Secretary, Howell, Mich.**

HOME FARM HERD

ESTABLISHED 1881

We think we have the greatest combination of breeding in the west in our herd sire

Sir Sadie Cornucopia 42152

His sire, Aaggie Cornucopia Johanna Lad ranks as the world's greatest sire of milk producers and is from

AAGGIE CORNUCOPIA PAULINE

the first 34 lb. cow and the only 34 lb. cow having a 30 lb. daughter that has a 30 lb. daughter; Sir Sadie's dam

SADIE VALE CONCORDIA

the first 30 lb. cow, is the only 30 lb. cow having a 41 lb. daughter and 30 lb. granddaughter.

33 tested daughters of Sir Sadie include Sadie Cornucopia Mignone—31.74 and Sadie Cornucopia Wayne 31.42.

For young bulls of this breeding write.

W. B. BARNEY & SONS,

CHAPIN, Franklin County, IOWA

OTSELIC STOCK FARM

Premier Sire—KORNDYKE PONTIAC PET No. 55995.
Sire—PONTIAC KORNDYKE.
Dam—PONTIAC PET. Butter 37.678 lbs.

David B. Hill Dairymple, Otselic, New York

11 TESTED DAUGHTERS—4 ABOVE 30 LBS.

A son of Prince Ybma Spofford (our 30-lb. herd sire) has now made the above unapproached showing.

Here is another son, from Valley Farm Topsy 2d, a 24-lb. daughter of Korndyke Queen De Kol's Prince, from a 24-lb. daughter of Pietertje Alban De Kol (three-quarter brother to Hengerveld De Kol). He is nicely marked, and a good square individual—born Nov. 21, 1913. Hard to duplicate at our price.

J. J. LARABEE, **DEMSTER, NEW YORK.**

Want Ad Column

$1.00 per insertion. Send price with copy.

WANTED

The best bull I can get for $300.00, not under three months old, F. O. B., Dodge City, Kansas.
Address letters to

H. V. HOFFMAN,
Route 2, Wright, Kan.

THE VALUE of your Holsteins for breeding purposes is determined largely by the A. R. O. records of their ancestors. New records are constantly being made. 4,000 cows have been tested since the first of the official year.

Our pedigrees are complete and show all records to date with Supt. Gardner's reports.

HARRINGTON & GEROW
STANDARD
Madison, Wis.

The only office in the Middle West equipped for the Management of Public Sales and the rapid compilation of Catalogues and Pedigrees.

BULL CALVES FOR SALE

No. 1.—Born Aug. 17, 1914, mostly white.
Sire—a son of King of the Pontiacs.
Dam—Beauty Paul Pietertje 18.25.
No. 2—Born Sept. 9, 1914, nicely marked.
Sire—A son of King Pontiac Calypso, the best son of King of the Pontiacs.
Dam—Queen of Fort Hill Colthilde 2d Lass 16.68.
Prices reasonable.

E. A. MARTIN
De Witt **N. Y.**

OUR POLICY

Is to sell animals for just what they are. Our stock is bred for size, production and quality. We have some GOOD ones.

W. H. HORSTMANN
R 2. **Schenectady, N. Y.**

For more Milk and Butter use

SCHUMACHER FEED

THE QUAKER OATS CO.

Chicago, Illinois

FOR SALE

A car load of Vermont Registered Holstein cows and heifers; cows are safe in calf to the Great Young Sire Sir Beets Korndyke No. 91212, a son of Pontiac Korndyke, and due to freshen in May and June, some have good A. R. O. records; will put in a few bred daughters of above bull, due in the Fall.

Two fine Yearling Bulls from A. R. O. dams, could go with this lot, all are born and bred at

ISLAND HOME STOCK FARM
W. B. Dodds & Son **North Hero, Vt.**

Holstein Breeders desiring to purchase young bulls with two and three crosses of the blood of King Segis, Aaggie Cornucopia, Grace Fayne, Colantha Johanna 4th, Blanch Lyons at reasonable prices should address

C. S. AVERILL, The Yates, Syracuse, N. Y.

DISPERSAL SALE OF

DR. D. B. HAND'S ENTIRE HERD

Scranton, Pa., June 8-9, 1915

King Pontiac Alcartra Pietje—Three-year-old, who is a son of the $50,000 bull, King Segis Pontiac Alcartra, from the former World's Champion four-year-old, Fairmont Zerma Segis Pietje (35.61 lbs.). He will be sold to the highest bidder. Also his first two daughters (twins) and his first son.

Also thirty cows carrying calves by him.

18 DAUGHTERS of Korndyke Butter Boy Count, who was by one of the very best sons of Korndyke Butter Boy and from a 28-lb. daughter of Lilith Pauline De Kol's Count.

A daughter and 5 granddaughters of Woodcrest Pietje, the greatest imported bull in America.

4 granddaughters of Sarcastic Lad, the St. Louis Champion.

A daughter of Dutchland Sir Lyons Hengerveld, who is a 33-lb. son of Colantha Johanna Lad.

Address for catalogue and other information:

F. CROMWELL HAND

Rookery Building **SCRANTON, PA.**

Cows, Heifers and Heifer Calves

SOME CHOICE ONES
For Immediate Sale

Herd Sires: Sons of **KING OF THE PONTIACS and KING WALKER.**
No Embargo. Our Cattle can go into any state.

HAMILTON FARMS **Southend P. O. Ontario.**
10 minutes trolley ride from Niagara Falls

VANDERKAMP FARMS

OUR SENIOR HERD SIRE HAS MADE GOOD

WITH ALL OF HIS FIRST DAUGHTERS (8 IN NUMBER) AV. A. R. O. 17 LBS. IN 7 DAYS AT 2 YRS, 2 MOS. OF AGE

HE IS

SIRE, KING SEGIS
84 DAUGHTERS
7 over 30 lb.
65 sons with 561
A. R. O. Daughters

Judge Segis

DAM, GYPSY HENGERVELD
3 yr. 29.24
DAUGHTER OF JUDGE
HENGERVELD DE KOL

WE HAVE 3 SONS FROM 27 to 29 lb. 3 & 4 YR. OLD HALF-SISTERS OF OUR 4-YEAR-OLD HEIFER WITH A. R. O. RECORD MADE APRIL 22, 1915, OF

34.293 Butter; 754.3 Milk 7 Days

WRITE US FOR PEDIGREES AND PARTICULARS OF THESE CALVES
WE WILL EXCHANGE FOR WELL BRED HEIFERS

F. C. SOULE & SONS, SYRACUSE, N. Y.

Auray Farms

Call particular attention to the following **De Kol 2d** and **King Segis** bulls, backed by 4, 5, and 6 generations of producing A. R. O. dams.

No. 1—**By Pietertje Paul Elsje,** Nov. 1914. 1st maternal dam a 15-lb. (1914) 2-yr. daughter of Mutual Pietertje Paul; 2d a 27-lb. and 111-lb. (1914) 4-year daughter of King Fayne Segis; 3d a 28-lb. and 118-lb. (1914) 7-year daughter of Pontiac Burke. $250.

No. 2—**By King Segis Pontiac Clorinda,** March 1915. 1st maternal dam a 22-lb. (1913) 5-year daughter of Admiral Walker; 3d and 4th dams also A. R. O. $300.

No. 3—**Also by the Clorinda Bull,** Oct. 1914. 1st maternal dam the best daughters of Pontiac Burke (1914) at 7 yrs. 28 lbs. and 118 lbs.; 2nd an A. R. O. daughter of Pontiac Korndyke; 3rd and 4th dams also A. R. O. $400.

Typical **Auray Farms** breeding combining the best blood of **De Kol 2d** with that of **King Segis** thro Mutual Pietertje Paul, King Segis Pontiac and King Fayne Segis.

Will hold any of these calves without charge and at our risk until quarantine restrictions permit shipping to purchaser. Correspondence invited and printed charts, photos, etc sent at once upon request.

Sussex county has at no time been affected and our herd is at all times under the supervision of a State Veterinarian.

F. M. Avery, I. M. Avery, Mgr.
SPARTA
Sussex County, N. J.

GOOD BULLS CHEAP

NO. 1—Born Feb. 16, 1913.
Sire—Walker Korndyke Segis.
Dam—Inka Pietertje Beets Johanna, 20 lbs. butter in 7 days.
Price $175.00.
NO. 2—Born Feb. 23, 1913.
Sire—Korndyke Inka Butter Boy.
Dam—Corintha 3d Mechthilde.
12 lbs. butter in 7 days as a junior two-year-old.
Price $125.00.
NO. 3—Born Mar. 7, 1914.
Sire—Korndyke Butter Boy 19th.
Dam—Corintha 3rd Mechthilde
12 lbs. butter in 7 days as a junior two-year-old.
Price $100.00
Also a son of **Spring Farm King Pontiac.**

Dr. J. R. Allen Orwell, N. Y.

FOR SALE:—A son of Sir Johanna De Kol 41st and Grace Johanna Merle No. 195261, A. R. O. record 17.06 lbs. in 7 days at 2 years of age, 75 days after calving. Born Jan. 26, 1915. Good individual of exceptional quality and nicely marked. First check for $125.00 takes him.

CARL MUTH DAIRY,
Egbert Muth, Prop. Sheboygan, Wis.

Bulls Slaughtered

In Price Only From $35.00 Up

WRITE US

MAPLE FARM **Middleville, N. Y.**

Hilldale Stock Farm

Madison Co. **New Woodstock, N. Y.**

Consisting of 320 acres situated 25 miles southeast of Syracuse, N. Y. located in one of the best dairy sections of N. Y. state 1 1-4 miles from village and R. R. Station. A gentleman's place—ample buildings in first-class condition and soil that will grow anything you wish, even alfalfa. Will be sold at private sale with or without 100 head of Holsteins and all equipment.

J. A. STANTON & SON

UNICORN DAIRY RATION

A QUALITY SEED AT THE RIGHT PRICE

Send for price per ton, also for our book on Modern Milk Production

Eastern Selling Office
7 R Merchant's Row
Boston, Mass

CHAPIN & CO.

Western Selling Office
Box R
Hammond, Ind.

REST EASY HERD

Has in the last 12 months made 9 records over 30 pounds which we think is more than any other herd has made in the same length of time.

A good place to buy cattle, especially your next herd sire, where the dam is sure to increase her record.

Only two sons of King Pontiac Mayflower left; both from high record dams. A good time to buy as they are sure to advance in price.

H. M. DUNHAM & SONS

MARCELLUS, N. Y.

New Woodstock Breeders

J. A. STANTON & SON ..One-half page

FOR SALE—Sir Korndyke Segis Burke No. 146598; born Feb. 7, 1914. Fine individual; more white than black. Sire the 31-lb. bull Sir Urmagel Burke. Dam, 22-lb. junior three-year-old granddaughter of King Segis. Dam's record, 7 days, milk 489.8, fat 3.592; butter 21.922 lbs., 30 days, 2055.3 lbs., fat 3.569; butter 91.776 lbs. She is a daughter of De Kol Beets Segis.

DAMON BROTHERS,
New Woodstock, N. Y.

SIR URMAGEL BURKE.

Heads our herd. He is by De Kol Hengerveld Burke. His dam, Urmagelsche 2d A has 31.24 lbs. and has two 30-lb. daughters, one having 35 lbs. Herd numbers 60 head. Address:

F. L. FREEBORN,
New Woodstock, New York.

26.61-LB. BULL CALF

Born Nov. 19, 1914; mostly white. Sire—Marcella Hengerveld Champion 93151. Dam—Clothilde Imperial De Kol 69179. In test but 7 days, and made over 23 lb. Average above given includes, dam and 3 nearest dams of sire.

A good calf, at a right price.

Address.

IRVING H. LEE
New Woodstock New York

BY A 26-LB. SIRE

We offer a bull calf by a 26-lb. son of De Kol Beets Segis, and from a 16-lb. granddaughter of De Kol Hengerveld Burke. A good calf at a reasonable price. Herd sire, a son of King Segis Pontiac Alcartra.

F. L. & I. H. HUNT
New Woodstock N. Y.

GRANDSON OF KING OF THE PONTIACS

From an A. R. O. dam for sale. A fine youngster. Come and see him and his dam. Also a few sons of Korndyke Defiance Segis. Prices very low.

A. L. LAMUNION,
New Woodstock, N. Y.

THE ASYLUM HERD

"Where the Champions come from"

Offer Bull Calves sired by sons of Pontiac Korndyke, Hengerveld De Kol, Pontiac Dutchland, or Admiral Walker Pietertje.

Do you want a Pontiac in your herd?

Pontiac State Hospital, Pontioc, Mich.

Am offering two yearling bulls and 3 bull calves from dams that made 28 lbs. butter in 7 days and 116 lbs. in 30 days from bull with Grace Fayne 2d breeding.

E. W. ANDERS,
Route 2. Norristown, Pa.

FOR SALE:—The Holstein bull, De Kol Lilu Segis 59510. Born Dec. 26, 1908. Sire—De Kol Beets Segis, 40 A. R. O. daughters, who is a son of the great King Segis. Dam of De Kol Lilu Segis, Fannie Lilu De Kol, 26.59 lbs. butter in 7 days.

B. F. JONES, South Montrose, Pa.

FOR SALE

Bull calf born Jan. 21, 1915. Dam a 15.32-lb. 2-yr.-old granddaughter of Pontiac Korndyke. Sire is Johanna Lady Korndyke No. 8470. His dam Pontiac Lady Korndyke 38.03 lb. butter.

Calf straight and right in every way with handsome markings.

Address:

M. J. RODGER
Hammond New York.

Sherburne Breeders

NEWTON FARMS
the home of King Veeman De Kol No. 36819.
53 A. R. O. daughters.
(Mona Veeman, 37 lbs.)
Bull calves for sale from A. R. O. dams.
Send for pedigrees.
R. P. Kutschbach & Son,
Sherburne, N. Y.

SHERBURNE SUBURBAN STOCK FARM
50 pure-bred Holsteins of quality. 250 grades that cannot be surpassed. Herd headed by son of King of the Pontiacs. We can supply anything you want in good cattle.
F. H. WILCOX
Sherburne, N. Y.

WESTEND STOCK FARM
Offers a few bull calves sired by King Pontiac Hilldale (Sire, King of the Pontiacs, dam, Hilldale Lorie Korndyke, 29.93 lbs. at 4 years) and from A. R. O. dams. The calves are fine individuals. A credit to their backing.
Choice for $125.
BERT J. BUTTS,
Sherburne, New York

Mapleview Stock Farm

Offers four bull calves from two to five months old whose dams and sire's dams average from 24 to 28.81 pounds butter and 80 to 100 pounds milk in one day. Nicely marked; prices low. Write for pedigree and prices.
W. B. BULLOCK, SHERBURNE, N. Y.

Tidy Abbekerk Prince

BELLEMORE STOCK FARM
Herd Sires.
Cornucopia Korndyke Pontiac No. 86875.
King Pontiac Hilldale No. 114040.
Bull Calves.
For sale from these good sires whose two nearest dams average from 24 to 30 pounds butter per week. Write for particulars.
Edsall B. Reynolds, Sherburne, N. Y.

MAD BROOK STOCK FARM
Offers for sale a few car loads of choice Stock Hay. Write for price.
BRIGGS & CUMMINGS,
Sherburne, N. Y.

WESTSIDE STOCK FARM
Our Herd Bulls are:
Korndyke Pontiac Pet.
Sire—Pontiac Korndyke.
Dam—Pontiac Pet 37.68 lbs. She sold for $5,500 in the **Dollar Sale.**
King Pontiac Hilldale.
Sire—King of the Pontiacs.
Dam—Hilldale Lorie Korndyke 4½y. 29.93 lbs.
Their breeding speaks for itself. If you are interested in a bull calf sired by either of these bulls, place your order early, for the supply will be limited.
John M. Howard Sherburne, N. Y.

HARRINGTON SISTERS
Offer Bull Calf For Sale.
Born Aug. 8, 1914; grandson of De Kol Queen La Polka 2d, 35.38 lbs.; well grown; fine individual; all good points, nicely marked, more than half white.
Write for pedigree and price.
M. T. Bryant, Mgr., Sherburne, N. Y.

Bull Calves

Whose dam and sire's dam average from 90 to 103 lb. for milk and 25 to 30 lb. for butter.
CLAYTON SISSON
Sherburne Stock Farm,
Sherburne, N. Y.

SPRINGVALE STOCK FARM

"THE HOME OF THE JOHANNAS."
If in need of a bull calf this winter, do not fail to investigate the breeding of one sired by King Peter Lyons and out of a daughter of Colantha Johanna Champion. A combination of breeding surpassed in no herd in the world.
W. J. GILLETT & SON,
Rosendale Wisconsin

SIR WALTER RALEIGH

Seed Potatoes. Average yield for the last ten years 207 bu. per acre. 50c per bu.
HAROLD F. HUBBS KIRKVILLE, N. Y.

$200—H.-F. BULL FOR SALE—$200
Born Jan. 24, 1914.
Fine, individual, well grown, and nearly all white. Sire, Dutchland Empress Sir Hengerveld 102766. 75 per cent same breeding as Pontiac Clothilde De Kol 2d 37.207 lbs. butter. Dam, Netherland Abbekerk, 20.045 lbs. butter. 3-year-old daughter of Tidy Abbekerk Prince 27770, seven daughters above 30 pounds butter in 7 days.
GEO. F. BLEWER ESTATE,
Newark Valley, N. Y.

SIR PONTIAC VEEMAN HENGERVELD
Dam—Elsie Veeman Wayne (30.92 lbs.), daughter of Sir Veeman Hengerveld. Average two nearest dams 31.3 lbs. butter in seven days. Few young bulls for sale. Price right.
E. M. LOWMAN, Lowman, N. Y.

STRICKLAND FARM OFFERS

Two well-bred bulls for sale, born in November 1914. One from 25-lb. three-year-old; one from 23-lb. two-year-old. Prices right.
S. M. STRICKLAND, Carthage, N. Y.

FOR SALE
Ormsby bulls sired by Beauty Pietertje Prince whose nearest dams have 32.52 lbs. and 30.50 lbs. butter in 7 days with 3.83 and 4. 7 per cent fat out of dams by same sire as Pietertje Maid and Gracie De Kol Ormsby with 7 day records of 35.56 lbs. and 33.32 lbs. butter. Bulls are from 7 to 14 months of age, light in color, good individuals, well grown, dams have records from 18.30 to 21.38 lbs. butter in 7 days. Prices from $175.00 to $300.00.
C. B. REDDELIEN, North Lake, Wis.

PHELANDALE HERD
Offers bull born Feb. 21, 1915. Sire, Hengerveld Homestead De Kol, whose three nearest dams average 30.49 lb. butter in seven days. His dam (at 3½ yr.) and sire's dam average 20,092.00 lb. milk and 919 lb. butter in semi-official test. Dam of calf is a daughter of Dutchland Colantha Sir Inka, that made 718 lb. butter in semi-official test as a senior 2-yr.-old, and as a senior 3-yr.-old has made 25 lb. butter in seven days and has started after 1000 lbs. for the year. This calf is a fine individual about three-fifths white. Price $400.
JAMES PHELAN
Forestville, Chautauqua Co., N. Y.

SON OF THE WORLD'S CHAMPION

Risinghurst offers a son of the World's champion, Lindenwood Hope, 3 years old, by Johanna Concordia Champion.

Individually one of the best bulls we have ever seen.

He will be priced to sell at once.

We have some very nice heifers to freshen this fall sired by him, one of them from the world record Crown Princess Mazie De Kol 2d. She is the only female in the world with a world record Dam and Sire's Dam and she looks like the real candy.

NOW is the time to buy.

G. W. RISING,

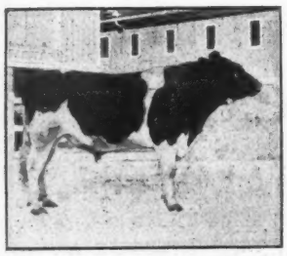
FAYETTE, OHIO

START RIGHT

We offer a bull calf sired by King Pontiac Portia from Pontiac Thanatos, (now in yearly test) and two heifer calves that trace four times to Pontiac Korndyke. Special price on the trio.
C. C. FRIES & SON.
Richland Center, Wisconsin.

HEIFER CALF FOR SALE
Sire—Pontiac Triumph Cornucopia 49270, who was by Pontiac Cornucopia, and from a 26-lb. daughter of Hengerveld De Kol. His first daughters to freshen are milking over 50 lb. per day as 2-yr.-olds.
Dam—A 14.2 lb. 2-yr.-old granddaughter of Betta Lyons Netherland (34.71 lb.) whose dam is also a 34-lb. cow.
Calf was born Jan. 23, 1915 and is a nice one. Write for pedigree and price.
H. C. STANTON
Burn Brae Clifton Heights, Pa.

Woodcrest Pietje Walker



Born Nov. 11, 1912. A superior individual with great producing and transmitting ability behind him. Weight 1850 lbs.

Sire, Pietje 22d. Son whose 18 daughters average 20.25 lbs. at 2 yrs. and 7 months. Son of Homestead Girl De Kol Sarcastic Lad, 103 A. R. O. daughters and out of Pietje 22d. the only imported cow with a 30 lb. record.

Dam, Isabella Clothilde Walker, one of the greatest cows of the breed. 27.66 lbs. in 7 days, 108.19 in 30 days and 987.75 lbs. butter and 22,082 lbs. milk in a year at 10 yrs. of age. She is the dam of 5 A. R. O. daughters including Lottie Isabella Hengerveld 30.43 lbs. Her son Admiral Walker Prilly is the only bull of the breed whose first five daughters average 19.72 lbs. For pedigree and price write.

A. B. DICKINSON,

Walcowis Farms, Lake Geneva, Wis.

30-Lb. Grandson of the $50,000 Bull For Sale

We offer a son of King Veeman Pontiac Hengerveld, he a son of King Segis Pontiac Alcartra and from a 29.14-lb. daughter of Sir Veeman Hengerveld. Dam—Tobe De Kol Pet 2nd Dorothy, 30.13 lbs. butter, 656.8 lbs. milk in 7 days; her dam's record, 29.18 pounds and next dam 29.015 lbs. Calf was born Feb. 26, 1915; is a little over half white and a beautiful individual. Write for photo, pedigree and price. We also offer other sons of our sire from good dams. Write your wants.

J. H. PHELPS & SON, VERNON, NEW YORK.

ROSE HALL HERD--60 HEAD

All ages; headed by King Tobe De Kol No. 101309; full brother to Lady Tobe De Kol, world's record senior three-year-old. 7 days, 36.59 pounds butter and over 90 pounds milk in a day. Butter, 30 days, 141.50 pounds. His dam; Christmas Tobe 2d. 7 days, 31.66 pounds. 30 days, 129.46 pounds and over 80 pounds (4.44 per cent) of milk a day at 10 years old. World's record at time of making and still the second largest for age.

I offer choice cows, heifers, heifer calves, as well as fine bull calves.

GEO. J. HALL, NORTH OLMSTEAD, O.

FRIESLAND FARM

HERD SIRE

RAG APPLE KORNDYKE BOON, NO. 123847.

Sire: Rag Apple Korndyke 8th, the $25,000 son of Rag Apple Korndyke and Pontiac Lady Korndyke, 38.03.

Dam: Fairview Korndyke Boon, a 32.17 pound junior four-year-old daughter of Pontiac Korndyke. She sold recently for $4,100 at auction and will probably increase her record when she freshens.

Rag Apple Korndyke Boon's dam and sire's dam average as follows:

Butter, 7 days	35.10 lbs.
Butter, 30 days	143.53
Per cent of butterfat	4.96

He is as good an individual as his great sire and with his splendid breeding is sure to make good. We expect to keep and test all his daughters. His first two daughters are from a 22-lb. two-year-old and from Lotta Clyde, the cow that has just produced 709.1 lbs. milk; 31.325 lbs. butter in 7 days.

Have four of his beautiful sons from good A. R. O. cows.

B. B. DAVIS, Omaha, Nebr.

200 Bee Building

FOUR PER CENT BULL CALF $75.00

Grandson of Tidy Abbekerk Prince dropped Dec. 17, 1914. Well grown and handsomely marked.

Sire, Changeling Abbekerk Prince.

Dam, Princess Johanna Spofford 14.011, age 1 yr. 11 mo.

Write for photo and pedigree.

Some bull and some bargain.

F. W. ROYCE, Berkshire, N. Y.

McHenry County Breeders.

R. E. HAEGER .....One-half page

FLORENTINE FARM

We have for sale a few choice heifer calves from A. R. O. dams.

J. H. TURNER,

HEBRON, ILLINOIS

PEEP-O-DAY STOCK FARM

A few fine, growthy calves sired by a grandson of King Segis and from dams of fine type and immense capacity.

H. C. La Brec, Harvard, Ill.

RIVER VALLEY STOCK FARM

Grandsons and granddaughters of King of the Pontiacs by herd bull, Sir Genie Pontiac, from A. R. O. dams.

These calves are beauties and priced right.

JOHN DEHMLOW, Algonquin, Ill.

SON OF A 23-LB. 3-YR.-OLD

Dam's record—23.5 lb. butter, 572 lb. milk in 7 days; 96.75 lb. butter, 2248 lb. milk in 30 days—best day's milk 87 lb. Her sire is a brother to De Kol Creamelle. Calf is sired by Matador Walker, a ¾ brother to a 33-lb. 4-yr.-old.

Also a grandson and **granddaughter of 44-lb.** cow for sale.

THE BOYSON HERD

Rome New York.

Polled Holstein-Friesian Cattle.

Registered and A. R. O. in the Holstein-Friesian Herd Books of America. World's records for polled cattle. Bull calves for sale at $100.00 up. Send for catalogue.

Geo. E. Stevenson & Sons, Waverly, Pa.

SON OF 28-LB. COW

that is a daughter of Pietertje Hengerveld's Count De Kol. She gave a lot of milk, is a faultless individual, and has a 25-lb. daughter. Sire of calf was by Colantha Johanna Lad, and from a 31-lb. daughter of a 30-lb. cow. Calf was born Jan. 1, 1915, and is a beauty.

Investigation means a sale.

THE WALLACE HOLSTEIN CO.

R. B. Buell, Mgr. Wallingford, Conn.

Remember me as a Breeder

but nothing for sale at present

HOBART W. FAY, MASON, MICH.

BULLS FOR DAIRYMEN

No. 3—Born Feb. 24, 1915. A fine, straight calf, one-half white.

Sire, King Pietertje Walker Clothilde 118601, whose 15 nearest dams which includes every cow for four generations have 7-day records averaging 28.40 lbs. butter, 554.58 lbs. milk, 4.07 per cent fat.

Dam, Dolly Dollars 3d, 265794. At 1 year and 10 months 12.033 lbs. butter, 243.7 lbs. milk, 3.96 per cent fat. Write for pedigree and photograph.

H.-F. Breeders' Ass'n. of Chester Co., P. M. Hicks, Sec., Avondale, Pa.

RIVERSIDE STOCK FARM

OFFERS FOR SALE

Bull born May 15, 1914.

SIRE—King Pontiac Boon Lilith, No. 106026, son of King of the Pontiacs from a 30-lb. daughter of Lilith Pauline De Kol's Count. One of the best individuals and best bred sons of King of the Pontiacs.

DAM—Edith Prescott Pontiac, No. 123450. A. R. O. Record.

Butter 7 days	25.17 lb.
30 days	101.5 lb.
Milk 7 days	423.5 lb.
30 days	1728.8 lb.
Average fat 7 days	4.7%
30 days	4.7%
At 2 yrs. 3 months	
(World's Record when made)	
Butter 7 days	28.1 lb.
Milk 7 days	502.0 lb.
Average fat	4.46%
At 4 years 2 months.	

She and her junior 2-year-old daughter, Edith Prescott Pontiac 3d, hold the World's 2-year-old record for mother and daughter; their records averaging 23.66 lb. butter as junior 2-year-olds.

Edith Prescott Pontiac is a granddaughter of Hengerveld De Kol and Aaggie Cornucopia Johanna Lad.

Calf is light in color, straight on the back and is a fine individual in every way. Write for Pedigree and Prices.

A. W. BROWN & SONS,

WEST WINFIELD, N. Y.

Some Want Quantity, Others Want Quality

You get both in King Pontiac Segis Veeman, born Feb. 25, 1914. The records of his dam, sire's dam and grandam average as follows:

Butter 7 days, 31.85 lb.; 30 days 129.29 lb.; 365 days 1034.95 lb.; Milk 365 days 21151.99 lb.

With each of them averaging right up to 4 per cent fat for the entire year. His dam a 29-lb. daughter of the great Sir Veeman Hengerveld, 7 30-lb. daughters and a lot more coming. Sire, King Segis Pontiac Count, a son of the highest yearly record daughter of King of the Pontiacs. A great combination of blood lines, good individual. Send for chart pedigree and price.

ARDEN FARMS, Inc. MERRIAM PARK STA.

ST. PAUL, MINN., W. J. YOUNG, Mgr.

GRAHAMHOLM HERD OF HOLSTEIN-FRIESIANS

Two Great Sires at Head of the Herd

Aaggie Cornucopia Johanna Lad Jr., 36974 and Sir Winana Beets Segis, 52927 (a son of King Segis).

Aaggie Cornucopia Johanna Lad Jr. has 36 A. R. O. daughters, 21 A. R. O. sons and 14 daughters that have produced A. R. O. daughters. Two of her daughters have over 28-lb. records, 10 daughters average over 25 pounds, and all of his daughters average over 20 pounds. 5 daughters average 112½ pounds milk in one day.

Sir Winana Beets Segis, whose daughters are doing excellent work, now has 13 A. R. O. daughters. One daughter, 3 years, 8 months, has an A. R. O. record of 28.45 lbs. butter in 7 days. One daughter, 32 months, 23.93 lbs. in 7 days, 96.75 lbs. in 30 days and 751.4 lbs. in one year. Two other daughters, 2 years, have over 19 pounds each. One son won Grand Championship at the Minnesota State Fair 1914.

We are offering sons of these bulls for sale. Every matured cow in the herd has an A. R. O. butter record above 20 pounds and the largest per cent 25 to 30 pounds.

If you want high quality and productiveness, come and see what we offer, or write:

W. J. Boynton, Mgr., Rochester, Minn.

NEW BERLIN BREEDERS

COLUMBUS VALLEY STOCK FARM
New Berlin, N. Y.

The home of Locus Butter Boy Pontiac from a 27-lb. granddaughter of De Kol 2d Butter Boy 3d. Sire, son of Hengerveld De Kol. Bull calves for sale from granddaughters of King of the Pontiacs.

W. B. GATES

LOCUS STOCK FARM
Fellow Breeders—Take Notice

A rare opportunity to obtain a herd bull.

Grandson of Hengerveld De Kol out of Granddaughter De Kol 2d Butter Boy 3d with good A. R. O. backing. Eighteen months out. Well marked. Write for photo, pedigree etc.

C. L. BANKS & SON.
New Berlin -:- -:- -:- . N. Y

MAPLE LAWN STOCK FARM

has a few well bred cows for sale. They are bred to Brightview Sir Pietertje Segis whose get are proving exceptional individuals. His sire is one of the best sons of King Segis, out of a one time world record daughter of Paul Beets De Kol. His dam, is out of the same cow as Agatha Pontiac, A. R. O. 36.90 at 4 years, and has 28.82 A. R. O. State wants.

ELMER TRAVER
New Berlin -:- -:- -:- . N. Y

RIVERVIEW STOCK FARM

Pure bred Holstein-Friesian sires in service. King Pontiac Hengerveld No. 53297. Sir Korndyke Pontiac Artis 13th, 102050.

A few young bulls for sale from A. R. O. dams.

Good color and good individuality. Price right.

T. A. PAGE & SON,
West Edmeston, New York.

FULL VIEW STOCK FARM

Twelve years experienced breeding of choice Holstein - Friesian cattle. Senior herd sire, Aaggie Grace Butter Boy 34389, best son of De Kol 2d's Butter Boy 3d. Junior herd sire, Pontiac Perseus 41666, one of the best bred sons of Hengerveld De Kol. Bull calves from the above breeding for sale.

WM. M. BACKUS
New Berlin —:— —:— N. Y.

HERD SIRE
KING CORNUCOPIA NETHERLAND
No. 121633

Backed by such noted sires as King Segis, Hengerveld De Kol, Aaggie Cornucopia Johanna Lad, Korndyke Queen De Kol Prince, and Paul Beets De Kol; also such great producing cows as Abby Hartog Clothilde (31.39 lb.) Princess Segis (30.43 lb.), and Lily Cornucopia Netherland (24.00 lb. butter and nearly 100 lb. milk in one day). Four nearest dams average 27.50 lb.

FLOYD C. SHOLES JAY D. SHOLES
New Berlin, N. Y.

20.55 LBS. BUTTER. 4.45 PER CENT FAT.

This is the four-year-old record of the dam of the bull calf we are offering. The sire, a son of a 25-lb. cow, is a grandson of Paul Beets De Kol and Korndyke Queen De Kol's Prince.

Calf was born Nov. 18, 1913 is three-quarters white, and a very nice, straight, well grown individual.

For further particulars address,

George T. McNeil, Theresa, New York.

EASTERN BREEDERS

I am now booking orders for my annual eastern trip, and would like to hear from you at an early date if you desire me to stop at your place. This will be an opportunity for you to secure the services of an expert in the making of photos, engravings, etc., of live stock and agricultural subjects.

R. F. HILDEBRAND
Union Stock Yards Chicago, Ill.

FOR SALE--HEIFERS

Two 3 yr. old heifers bred to **Sir Korndyke Pontiac Artis 10th,** no. 92827 price each $175. Bull calves by same sire from A. R. O. dams.

BELVOIR FARM

Lake Geneva **Wisconsin.**

Sons of Herd Sire
UNEEDA KORNDYKE ABIGAIL BOY 102287

He is son of the 33-lb. cow, Uneeda Korndyke Abigail, "Best cow owned in the herd of John Arfmann." She is daughter of the 40-lb. bull, **Johanna McKinley Segis.** son of **King Segis.**

Offer No. 1.—Bull born in June from a 24½-lb. cow.

Offer No. 2.—Bull born in March from a 20-lb. cow.

Also a number of younger cows.

HENRY ANTHES. **JEFFERSON. WIS.**

A PROVEN BULL FOR SALE

Johanna De Colantha Champion No. 60574, born March 9, 1909. The average record for his dam and sire's dam is, butter 31.39 in 7 days, 121.31 in 30 days. A 3-yr.-old full sister just completed a record of 25.9 in 7 days. 17 A. R. O. daughters, 7 that have finished semi-official yearly records, 5 on yearly test now. He will have 25 or more yearly tested daugthers in my herd.

Also bulls of serviceable age out of semi-official yearly record dams.

JOHN ERICKSON **R. R. 2.** **Waupaca, Wis.**

Bed with Baled Shavings

and avoid contagion of Foot and Mouth disease.
Best absorbent. Cheaper than straw. Prices now lower and shipments more prompt.

WRITE FOR PRICE, DELIVERED
(Eastern States)

OSCAR SMITH & SON **NEW ENGLAND BALED SHAVINGS CO.**

Albany, N. Y. **Albany, N. Y.**

CHEAP

SANITARY

MARBLE VALLEY STOCK FARM

Offers bull calf born Feb. 2nd. Sire: Fairview Korndyke Lad, son of Pontiac Korndyke and Pontiac Pet 37.68 lbs.

Dam: a 22.90-lb. cow that has a 25.77-lb. dam that has a junior three-year-old with 27 lbs. Calf's dam, granddam, sire's dam and three of her sisters average 32.96 lbs. each.

Calf is evenly marked; a dandy and guaranteed to please. Price $250.

ROBERT F. MEAD, **WEST RUTLAND, VERMONT.**

KING SEGIS PATENT LOCK

Ear Tags, Bull Staffs and Bull Rings

Description and prices of all sent on application, including samples of Ear Tags. 300,000 of these Tags have been sold without adverse criticism. 500 of these Bull Staffs are in use by the best breeders in the business. (Please mention this paper when writing to advertiser.) **H. A. MOYER, Syracuse, New York.**

Our Herd Sires

KING PONTIAC JEWEL 55753—
(6 years old)

By King of the Pontiacs and out of a 25.65-lb. 3-year-old daughter of Pontiac Korndyke. Second dam a 30.72-lb. daughter of Hengerveld De Kol. His 13 A. R. O. daughters average 3.78 per cent butter-fat and include:

Locust Grove Jewel 3½ yrs.-.23.18
Locust Grove Lillian Jewel, 3 years 22.39
Clothilde Jewel Pontiac, 3 yrs..21.28
Pauline Pontiac Jewel, 2 yrs..21.03

PIETERTJE HENGERVELD SEGIS 44781—
(8 years old)

By King Segis and out of Blanch Lyons De Kol 33.31-lb. daughter of Piet. Hengerveld Count De Kol and Blanch Lyons who has 4 30-lb. daughters. His 42 A. R. O. daughters include:

4 4-yr-olds that average 27.01 lbs. each.
5 3-yr-olds that average 26.24 lbs. each.
11 2-yr.-olds that average 21.30 lbs. each.
And all above 20 lbs. each.

FOR SALE—At right prices—choice bull calves, also two fifteen months old, ready for use. Also will offer a few young cows and heifers.

Write, or better, call at the farm.

W. C. HUNT, Fayetteville, N. Y.

Farm right on trolley line, half hour from Syracuse. Bell 'phone.

Choice alfalfa hay in ton or car lots.

Cazenovia Breeders

LORENZO FARM **One-quarter page**

ELM ROAD FARM

Can fill your wants in Holsteins.

Herd Sire—

Sir Woodcrest Korndyke Kate De Kol 5th, who has a 30-lb. dam and a 36-lb. full sister.

R. D. LEE

Cazenovia **N. Y.**

163 ACRE ALFALFA—DAIRY FARM

30 acres alfalfa
15 acres woodland
90 ft. stable—silo.

Well watered. 3 miles from Cazenovia on State Road.

Want to sell farm and herd of 28 purebred females.

D. D. BLOWERS **R. F. D.**

Cazenovia **N. Y.**

GRANDSON OF KING OF THE PONTIACS

From a 13.23-lb. yearling daughter of a 22.64-lb. cow. Calf is ⅞ white, straight and right. Price $50.00.

JAY W. LEE

Cazenovia **N. Y.**

KORNDYKE PONTIAC AAGGIE 64888 heads our herd.

He was by a son of Pontiac Korndyke, and the 37-lb. former World's Champion, Pontiac Pet. His dam is the great 30-lb. cow, Aaggie Alban Shadeland.

Herd numbers forty head.

W. H. HUGHES

P. O. Webster Station N. Y. (near Cazenovia) Railroad—Ballina, on the West Shore.

MEADOWOOD FARMS
Cazenovia, N. Y.

Herd Sire—King Segis Pontiac Acme 116467.

He is one of the finest bred bulls of today. The combination of breeding which produced this bull is unexcelled in production by no other popular producing blood of the breed.

His get is excellent.

W. G. Chard, Prop.,
A. L. Shepherd, Mgr.

BY A 33.87 LB. SIRE.

Dam, a 15.45-lb. 2½-year-old, produced 458.2 lbs. milk in 7 days. She was by Gordon Glen Pontiac, sire of the World's Champion two-year-old, and from a 22-lb. daughter of Johanna Rue 3d's Lad. This applies to a six-old bull calf we are offering at a bargain.

Also, bull calf by Lorenzo Pontiac Korndyke, a 31-lb. son of Pontiac Korndyke, out of A. R. O. dams. For complete information address

Charles S. Fairchild,
Lorenzo Farm,
Cazenovia, N. Y.

TWO GRANDSONS OF KING OF THE PONTIACS.

By King of the Pontiacs Small Hopes—one from an 18-lb. three-year-old granddaughter of King Segis; 2d dam a 21.6-lb. three-year-old daughter of Korndyke De Haan, the other from an 18-lb. four-year-old daughter of Korndyke De Haan.

Write for pedigrees and prices.

J. A. FUGGLE,
SULPHUR SPRINGS FARM,
Cazenovia, N. Y.

BULL BORN MARCH 1ST 1915

Beautifully marked, fine straight individual. Dam, Pauline Aaggie Grace No. 97472, A. R. O. 28.30 butter 7 days, 768 for year. Sire, Canary Jessis Fobes No. 82958. His 2 dams average 30.19 butter 7 days.

S. H. BIRD

So. Byron **Wis.**

SON OF A 36-LB. SIRE

We offer a bull calf by our herd sire, SPRING FARM KING PONTIAC 5th 103898, whose two nearest dams average 36.17 lb. in 7 days; 140.62 lb. in 30 days, 1035.75 lb. in a year.

THE DAM is a 20.29-lb. granddaughter of Pontiac Korndyke.

Price for a quick sale .....$100.00.

Also a 2-yr.-old bull; his dam a 23-lb. 3-yr.-old; her dam 26-lb. at 10 years old. Sire's dam 32.03 in 7 days, 121.90 in 30 days, semi-official, 19,894 lb. milk and 874.71 lb. butter. This bull is a nice individual, 7-8 black and ready for service. Price $150.

If interested, send for pedigrees. They are hard to duplicate at these prices.

JAMES GIBSON,

Bonie View Farm White Plains, N. Y.

SHOW BULL-READY FOR SERVICE

Dam a 21-lb. cow and a first prize winner.

Sire—De Kol Paul Cornucopia King, the best son of Aaggie Cornucopia King, the best son of Aaggie Cornucopia Johanna Lad Jr., and a full brother to World's Champion 2½ and 3½-year-old milk producer.

Breed the kind the public is demanding—good individuals, with plenty of milk production.

D. W. WRIGHT

LAKE VIEW FARM CAMBRIDGE, N. Y.

SOLD

To Mr. I. S. Hart, Sayre, Pa.

Bull calf born Nov. 30, 1914.

SIRE—King Pontiac Canary.
DAM—Lilith Canary Hartog A. R. O. 29.12.

SOLD to J. Grant Morse, Hamiton, N. Y.

Young sire King Pontiac Canary Walker

SIRE—King Pontiac Canary.
DAM—Walker Beryl Altoana A. R. O. 28.13 at 4 yr. 2 mo. 90 lb. milk in a day; 112.90 lb. in 30 da.

We have others as good. Let us place a sire at the head of your herd.

LAMB & LANGWORTHY,
MAPLEHURST FARMS
EAST HAMILTON, N. Y.

Hamilton Breeders

A. A. HARTSHORN HOLSTEIN COMPANY ..... One-half page

A DESIRABLE FAMILY FOR SALE

Rose Rouble Hartog 127349—6 years old, with a 22.66-lb. 4-yr.-old record, and from a 24-lb. 4-yr.-old dam—splendid breeding—and her 3 daughters, one by the 32-lb. sire, Clarissa Pietertje Ponto; one by King of the Black and Whites, and one by the 30-lb. sire, Korndyke Pet.

Price very reasonable for a quick sale.

H. W. HARTSHORN
Culvert Brook Stock Farm,
Hamilton N. Y.

SUNNYSLOPE HERD

Offers two heifers bred to our 31-lb. sire **Sir Witkop De Kol Korndyke** No. 111142. This pair are show animals and have the right breeding. Price $500 F. O. B.

J. C. MORRIS Hamilton, N. Y.

BULL—READY FOR SERVICE

Six nearest dams (3 above 30 lbs.), average over 27 pounds. A son of our herd sire, Beauty Pietertje Hamilton, the greatest transmitting blood of the breed.

Prilly — Walker — Korndyke — Clothilde Goudgeld Hugo.

Write for further information and our low price.

Dr. O. S. LANGWORTHY,
Hamilton, New York.

WE CAN SUPPLY YOUR WANTS

in Holstein-Friesians—old or young, male or female, officially tested or untested. Eighty head to pick from. Tell us your wants. Address:

CHENANGO FARMS
Hamilton, N. Y.

FOR SALE

Farm of 140 acres stocked with 25 high class registered Holsteins. Two miles from Colgate University. Price $12,000, and $8,000 may remain on place at 5 per cent.

J. GRANT MORSE
Laurel Farm Hamilton, N. Y.

FOUR HOLSTEIN BULLS

3 to 9 months old; sire's full sister and dam have yearly records that were 10th and 15th from world's record dams. Sire has sisters through sire and dam with records 15th and 20th from world's record. Price $75.

ELTON CARRISON,
Osage, Iowa.

Alfalfa Hay

FOR A. R. O. TESTS
PIONEER FARMS
E. K. MUNRO Camillus, N. Y.

KANSAS CITY FARM

Breeders of K. C. Holsteins. S. O. Records.

T. J. DAUGHENBAUGH,
Springfield, Ill.

DAVISDALE FARM

Holstein-Friesian Cattle

H. B. DAVIS, Prop.,
Chester, N. Y.

THE 33-lb. BULL

Pietertje Hengerveld Segis is sire of a splendid young bull we are now offering. He was born Feb. 23, 1914, and his dam is Arcady Lyons Alcestis with the wonderful record at 2½ years of 20.84 lbs. butter, 353 lbs. milk in 7 days; average test 4.75 per cent fat.

Next dam a 25.6-lb. four-year-old daughter of Paul Beets De Kol; next dam 22.15 lbs.

The dam's sire is Pietertje Hengerveld Segis which brings this great sire as close as possible on both sides of the pedigree. He was by King Segis and from the 33-lb. cow Blanche Lyons De Kol.

This young bull is a beautiful individual; largely white in color. His pedigree is 100 per cent perfect.

See our advertisement in Jan. 2nd World.

H. C. SWARTOUT

Terracelawn Farms

HARTWICK SEMINARY, Otsego County, N. Y.

See our advertisement in Jan. 2nd World.

MORSEFIELD HERD

NORTH HAVERHILL, N. H.

Herd numbers fifty head, combining breeding, individual quality and producing ability as shown in A. R. O. tests.

Herd sire—King Segis Pontiac Grover, a show bull, by King Segis Pontiac and from one of the best daughters of King of the Pontiacs.

Address

FRED E. WELLS, Proprietor, Box 246, SYRACUSE, N. Y.

King Walker Segis 2nd 102844

Six of whose nearest dams average over 30 pounds.

Sire—King Walker Segis.

Dam—Betta Lyons De Kol.

BULLS FOR SALE:

1—Born Nov. 13, 1913; color, more white than black. Dam's record 24.93 lbs. Price $125.

2—Born Nov. 1913; color, 90 per cent white. Dam's record 27.87 lbs. butter, 596 lbs. milk. Milk one day 94.6 lbs.

Price $300. Satisfaction guaranteed.

W. H. CANDEE

GREEN RIDGE FARM

WATERVILLE N. Y.

NORTH STAR HERD

Home of

Sir Beets Cornucopia Netherland 38460

Johanna Bonheur Champion 94984

All our milking females are carried in semi-official yearly test under normal conditions. Our show ring records have never been duplicated.

INDIVIDUALITY PRODUCTION BREEDING

We have for sale a few bull calves representing this combination. They are winners by right of inheritance. Inspection is welcomed.

W. S. MOSCRIP, Lake Elmo, Minn.

LACONA BREEDERS

Henry Stevens & Son—Ad. on back cover page.

SPRING FARM KING PONTIAC 13TH.

Heads our herd. He was by the best son of King of the Pontiacs, and from one of the best daughters of the best son of Hengerveld De Kol. He has better than a 31-lb. average for his two nearest dams.

We have two daughters of the $15,000 bull, and several cows in calf to him. Also some bred to Spring Farm King Pontiac 6th, and our herd sire. 30 head to select from.

COLVIN & DESHANE

Richland New York

WHEAT HILL HERD

30 Holsteins of Quality.

Herd headed by Pleasant Hill Pontiac Veeman Wayne. His 3 nearest dams and 3 full sisters to his dam average (for the six) 30.24 lbs. He was by Sir Korndyke Pontiac Artis and from Queen Veeman Wayne (29.27 lbs. at 4½ years), whose sire, Sir Veeman Hengerveld, now has seven 30-lb. daughters.

W. J. SNYDER, Lacona, New York.

TO REDUCE HERD would sell 8 to 10 head at reasonable prices. Herd numbers 44 head including 7 daughters of Woodcrest Aaggie Jewel Son, with 4 3-yr.-old daughters averaging 27.44 lb.

Granddaughters of King of the Pontiacs and De Kol 2d's Butter Boy 3d.

Practically all milking females have good A. R. O. records.

Nearly all due next fall.

A. T. BLOUNT

Pine Ridge Herd Lacona, N. Y.

HOMESTEAD HERD

Offers one young bull ready for service. Sire, Albina Butter Boy whose dam has 29.7 lb. butter as a 4-yr.-old. Dam of young bull has good A. R. O. record. Bull very straight, light colored and very active. Also two young bull calves sired by Albina Butter Boy. One has dam having 17.42 lb. A. R. O. record as a 2-yr.-old Gave 60 lb. milk per day. Light colored. The dam of the other has never been tested. Prices given on application.

D. J. HOLLIS

Lacona N. Y.

LACONA HERD—50 head, all ages. Herd headed by Sir Pontiac Artis Veeman, a son of Sir Korndyke Pontiac Artis, from a 31-lb. daughter of Sir Veeman Hengerveld.

A fine bunch of Johanna cows and heifers for sale.

B. E. MEAD, Lacona, New York.

BARRED ROCKS

Famous Prize-winning Strains

Typical representatives—heavy layers

A limited number of eggs for setting from choice selected pens at very reasonable prices.

H. A. PRESCOTT,

Bellevue Herd, Lacona, New York.

N. B.—Only one Pontiac bull calf left—out of a four-year-old dam that has averaged over 60 pounds milk per day for past 5 months.

THE STANLEY ENGRAVING CO.

Photo-Engravers, Zinc Etchers, Designers.

Half tones, 3x4, at the low price of $1.50. Cuts that will run. References, this paper. Satisfaction guaranteed.

Library Bldg., Tioga St., Ithaca, N. Y.

WAUSEONA HERD

Busy making A. R. O. records.

Plenty of extra good stock for sale. Bulls and heifers with good A. R. O. breeding.

No foot and mouth disease in Fulton County.

BURR BROS.

Fulton County Wauseon, Ohio.

King Massasoit

WATCH ME GROW

NORWICH STOCK FARMS

Offers anything in the line of high class Holstein-Friesian Cattle. My stables are crowded and must sell a few at once, male or female, any age. Nearly all of these are close descendants of the present WORLD'S RECORD combined MILK and BUTTER Record Cows.

If you are in want of something extra-good write at once. Satisfaction Guaranteed.

R. C. WELLS **Norwich, N. Y.**

GRANDSON OF KING OF THE PONTIACS

Born Jan. 16, 1915; a granddaughter of King Segis with:

Butter 7 days	22.296	lb.
Milk 7 days	501.4	lb.
Butter 14 days	42.714	lb.
Milk 14 days	1001.00	lb.

Light in color. For price write:

O. L. IVES **Guilford, N. Y.**

MOYERDALE--KING LYONS No. 71155

The only sire of the breed that has six 20-lb. daughters with first calf at 4 years of age.

His sire is a son of Colantha 4th Johanna 35.22 lb.

His grandsire is an own brother to Grace Fayne 2d Homestead 35.55 lb. The two first 35-lb. cows of the breed.

His dam is a 29-lb. daughter of King Segis.

His second and third dams are each 34-lb. cows.

KING SEGIS No. 36168

Born in 1904 and died in 1910.

He has over 700 officially tested daughters and granddaughters, 18 of them with records greater than 30 lb. each, including the World Record 40-lb. 4-year-old cow, Mable Segis Korndyke No. 161784, and the only four-year-old 40-lb. cow of the breed.

The World's Record Dairy Queen of All Breeds

Finderne Holingen Fayne No. 144551, butter for one year 1395 lb., was sired by a grandson of **King Segis.**

The World's Record Sr. 2-yr.-old

Mabel Johanna Korndyke No. 184885, butter 7 days 30.62 lb. and the only 30-lb. 2-yr.-old of the breed, was sired by a grandson of **King Segis.**

King Segis Pontiac Alcartra No. 79602, the

$50,000.00 bull was sired by a son of **King Segis.**

Johanna McKinley Segis No. 44367, the

$25,000.00 bull was sired by **King Segis.**

King Segis Pontiac Chicago, the

$20,000.00 bull, was sired by a son of **King Segis.**

Korndyke Segis Johanna

Sold at the Dollar Estate Dispersal Sale 1914 for $12,500.00, was sired by a son of **King Segis.**

$107,500.00 for four bulls is the greatest on record, and all descendants of one sire.

Moyerdale the Home of **King Segis**
Moyerdale the Home of **King Lyons**
Moyerdale the Home of the greatest producing cows of the breed.
Get your next bull at Moyerdale.

H. A. MOYER, Syracuse, N. Y.
WM. B. SIMPSON, Supt.

LAKESIDE STOCK FARM

Now is the time to secure the best class of Holsteins at lowest prices, before the rush sets in, which is sure to follow the lifting of the quarantine. The Lakeside Herd offers 50 females and a large number of bulls, five from dams with 30 to 32.65 lb.; as choice animals as were ever offered. Model Family, Segis, Pontiac, Korndyke, etc.

E. A. POWELL,
904 W. Genesee St.,
Syracuse, N. Y.

BLUE BOOK

Every Holstein Breeder Needs the Blue Book to Aid Him in Making His Breeding Operations Successful.

Have you subscribed for the 25th volume You can not afford to be without it. All experienced breeders consider the book indispensable in tracing the breeding and relationship of A. R. O. animals. The 25th volume is now ready for distribution. It contains 1,070 pages of condensed information relating to Holstein-Friesian cattle, including whole Advanced Register of last year. The official name of the book is Advanced Register Year Book, and the price is $2.00 per copy to all. Send all applications with price to

M. H. GARDNER. Supt A. R.
Delavan, Wis.

UP-TO-DATE

Typewritten Pedigrees

On best quality paper 9½x14 with diagram **fifty and seventy-five cents each.** Carbon copies ten cents each. **Sale Catalogs $2.50 per page including cover.** Give name and number of Sire and Dam of animals having numbers above 239854 in cows and 132639 in bulls. For further information write.

F. G. JOHNSTON
37 W. Lane Ave. Columbus, Ohio.

BELLEVIEW FARM

Breeder of large typical Holstein-Friesians. Choice bulls, tuberculin tested. Backed by high average records.

E. B. WATROUS
Troy Center Wis.

THREE OR FOUR YOUNG COWS

We can spare 3 or 4 young cows from two to four years old, granddaughters of King Segis Paul Beets De Kol, De Kol Hengerveld Burke or Sir Clyde. Bred to a son of King of the Pontiacs.

Frank Backman, Weedsport, New York

THESE WILL MAKE GOOD

We offer exceptionally good bull calves from ARO Johanna cows and sired by **Spring Farm King Pontiac Mercedes,** a 31.8 lb. grandson of King of the Pontiacs. One nearly ready for service, 4 dams ave. 29.45; price $350.

BARKER FARM
Chippewa Falls Wis.

30-LB. RECORDS AT AUCTION

AVONDALE FARM, BROCKVILLE, CANADA

WEDNESDAY, MAY 26th

We offer on above date **Sixty Head** of cattle. This includes some of the highest record young cows in Canada and one of the finest lot of bulls ever offered in America.

BULLS:

King Pontiac Artis Canada 4 years old, by King of the Pontiacs from Pontiac Artis (31.71 lb.) Hengerveld De Kol's best daughter. We have 65 of his daughters so wish to sell.

Avondale Pontiac Echo, 15 months, son of the above bull, dam May Echo Sylvia 36.33 lb. 7 days, 148 lb. 30 days, now in test with 6,000 lb. milk 60 days, best 7 days 875 lb. She, her dam and dam's dam average 32.40 in 7 days. Each has over 700 lb. of milk 7 days. **This is a unique offer.**

Six other bulls 24 to 30-pounders by the herd bull.

COWS:

Belle Model Johanna 2d, five years old, butter 37.01 lb. 7 days, 148 lb. 30 days. She has a 38 mos. old daughter with 33.60 lb. 7 days.

Sadie Korndyke Wayne 30.80 and her bull calf.

Eight Daughters of Prince Hengerveld Pietje, six with records from over 19 lb. to 31.76 lb. as 2 and 3-yr.-olds, including a 23 1-2 lb. 2-yr.-old. This bull already has three 3-yr.-old daughters (2 juniors) with 31.76, 32.10 and 33.60, an **unequalled record.**

Six at least, **Daughters King Pontiac Artis Canada,** including our first three to freshen, each having over 19 lb.

Many of these animals have been winners in the show ring. Every animal unblemished, **guaranteed** as represented and regular breeders.

Everything sold subject to **tuberculin test. No Foot and Mouth disease in Canada.**

Catalogs now ready.

Sale at the farm one mile from Brockville **12 o'clock.** Refreshments served at the farm.

A. C. HARDY, Prop.

ABRAHAM LINCOLN WISELY SAID:—"You can fool some of the people all of the time and all of the people some of the time but you **can't** fool all of the people all of the time."

You may hae been fooled sometime in your choice of stock but you **can't** be fooled if you buy from the greatest transmitting line of the breed—

THE SADIE VALE CONCORDIA BLOOD

Sadie Vale Sir Ormsby 57600. My senior herd sire is the youngest son of Sadie Vale Concordia—the first 30-lb. cow, and the only full brother of Sadie Vale Concordia 4th, 41.06 lb. butter in 7 days, 163.35 lb. in 30 days, highest day's milk 104 lb. Her daughter has just made 38.43 lb. butter in 7 days, 153.14 lb. in 30 days, highest day's milk, 129.5 lb.

This is the only place in the world where you can get your next herd sire containing 50 per cent of the same blood as Sadie Vale Concordia 4th.

I also have some daughters and granddaughters for sale.

JAMES W. FEAR,

MAPLE GROVE STOCK FARM HOLLAND PATENT, N. Y.

FOR SALE

Colonel Beets Segis, No. 50517, a 30-lb. proven son of KING SEGIS. Dam, Paul Beets De Kol Girl, record 30.26 pounds. This grand animal is gentle and right in every respect.

I also have a few of his handsome young sons for sale.

C. S. MULKS, RICEVILLE, IOWA

BEACH & WIRT

BATTLE CREEK MICH.

BEACH SEGIS PONTIAC, whose sire is KING SEGIS PONTIAC

A young sire backed by the following combination of records:

	Butter 7 days.		Butter 7 days.
His sire's dam	37.21	Average for 6 nearest dams	28.78
His dam's sire's dam	33.21	Average for 8 nearest dams	27.71
His own dam at 4 years	28.39	Average for 10 nearest dams	27.55
Average for the three	32.97	Average for 12 nearest dams	26.47
Average for 2 nearest dams	32.80	Average for 14 nearest dams	25.51
Average for 4 nearest dams	29.07		

We will breed a few approved cows for $100 to insure a living calf, or $75 payable at the time of service with the privilege of the season.

We will breed a limited number of cows on shares. Write for our proposition.

WOODMONT FARMS

Offer a Bull Calf born Nov. 8, 1914.

Sire—**SPRING FARM BUTTER BOY,** whose dam, Tweedie De Kol Lass (34.39, average per cent fat 5.10), is also dam of the only 44-lb. cow, Twede De Kol Lass and her daughter, K. P. Pontiac Lass, hold the World's records for mother and daughter in both the 7- and 30-day divisions.

Dam—**MARGILL MINNIE GEORGIANA,** butter 2 yrs., 13 days, 15.31. Her sire was a direct descendant of Prilly, "Queen of the Breed." Her dam, Margill Minnie, 23.54. A beautiful individual and a good 30-lb. prospect.

A splendid individual, straight and well grown. In color, black with white points. Dam and sire's dam average 24.85. Pedigree on application. **Price $125.00.**

WOODMONT FARMS, MORRISVILLE, N. Y.

HEART'S DELIGHT FARM

SIR WALKER PONTIAC

A Splendid Opportunity to get a son of KING OF THE PONTIACS.
Sire: KING OF THE PONTIACS.
Dam: LUCINDA WALKER PIETERTJE (19.47-lb. butter in 7 days.)
Born June 27th, 1911.
Will exchange this bull for good strong heifers of the best families.

W. H. MINER, CHAZY, NEW YORK

Evolution of the automobile is the wonder of the Twentieth Century.

Evolution of the full blood strains leading up to Johanna King Segis No. 71964 is the greatest wonder of the century in Holstein history. He, his two brothers and mother sold for $56,150. You up-to-date breeders, consider this wonderful Johanna strain. Wouldn't this line of 40 pound breeding help your herd?

A call at our farms and a look at this sire and his offspring will be a reevlation and if you appreciate breeding and individuality you will take some of them home with you.

Service fee for Johanna King Segis $250.

Oak Grove and Twin Pine Stock Farms,

HOUSLET & McNUTT OXFORD, WIS.
Address all correspondence to N. Houslet, Oxford, Wis.

A BULLY BUNCH.

1 four-year-old grandson of Pontiac Butter Boy, out of a 27-lb. dam.
1 three-year-old GRANDSON OF PONTIAC KORNDYKE, out of a 31-lb. dam.
8 bulls ready for service.
10 bull calves, from two weeks to eight months old.
2 two-year-old heifers due to freshen in the spring.

Let me sell you your next bull, WON'T YOU? YES. Thank you, and I will expect to hear from you or see you soon. Don't wait until you need him, for the one you want may be gone then.

L. E. CONNELL, - - - FAYETTE, OHIO

BULL CALF

born March 11, 1914.

Sire, Premier Pontiac, a son of Pontiac Korndyke and Sadie Pontiac Korndyke 102.4 lbs. milk 1 day. 687 lbs. milk 29.56 lbs. butter in 7 days.

Dam of calf, Meadow Clothilde De Kol 2d a 20-lb. 3-yr.-old. This calf is a handsomely marked, fine individual, and is priced to sell. Send at once for pedigree.

F. H. THOMSON & SON HOLLAND PATENT, N. Y.

EMBLAGAARD HERD

SIRES IN SERVICE

COLANTHA JOHANNA CHAMPION 45674

THE PROVEN SON OF COLANTHA 4TH'S JOHANNA

EMBLAGAARD PRINCE 80596

A son of Segis Walker Pietertje, 27.85 lbs. at 3½ yrs. His sire's dam, Abby Hartog Clothilde, 31.99 lbs., and dam's dam, Ruby Walker Pietertje, 30.21 lbs. are two of the only 4 30-lb. cows of the breed that have produced 30 lb. daughters, that have also produced 30 lb. daughters.

EMBLAGAARD DAIRY, BIG BAY, MICHIGAN

LAST CALL

THE BIG TWO-DAY CONSIGNMENT SALE
OF
OHIO HOLSTEIN BREEDERS' SALE COMPANY
Canton, Ohio, May 24th and 25th

169 Head Consisting of

1—17 COWS with creditable A. R. O. records, up to almost 25 pounds at 4 years.

2—64 HEIFER CALVES and yearlings, including daughters of King Urmagelsche, King Hengerveld Segis 5th and Sir Bos Korndyke, and granddaughters of King of the Pontiacs, Pontiac Kornryke, Paul Beets De Kol, Pontiac Hengerveld Parthenea, Pontiac Aaggie Korndyke, Korndyke Abbekerk and De Kol 2d's Mutual Paul.

3—20 BRED YEARLINGS and two-year-olds, carrying calves by sons and grandsons of King of the Pontiacs, by a son of Pontiac Korndyke, and by the 30-lb. sire, Woodmont Duke De Kol Lad.

4—22 BULLS, half of them from tested dams. They include sons of King Hengerveld Segis 5th and King Urmagelsche, and grandsons of King of the Pontiacs, Friend Hengerveld De Kol Butter Boy and Woodcrest Hengerveld. They also include the two herd sires, Sir Bos Korndyke and Briar Korndyke Hartog De Kol.

These cattle are all consigned by Messrs. Baisler, Daniels, Klotz, Kryder, Martig, Paumier, Taylor, Tygard, Watson and Werren.

Auctioneers will be Perry, Haeger, and Mack. E. A. Hutchins, Sale Manager,

We want you to have one of our catalogs and we want you at the sale. In asking for catalog address:

W. W. WATSON, Sec'y, Youngstown, Ohio

SPRING FARM HERD

OFFERS FOR SALE

King Korndyke Pontiac Lass No. 115585

BORN JANUARY 28, 1911

A son of the only 44-lb. cow, K. P. Pontiac Lass, who holds all of the World's butter records from 7 to 100 days.
Having a full brother of K. P. Pontiac Lass, nearly ready for service, and owning the $15,000 full brother of King Korndyke Pontiac Lass, I have decided to sell King. He has developed into one of the nicest bulls any one ever saw. His calves are ideal in every respect. He has over 50 daughters already, and a large per cent. of them are out of some of the highest record cows of the breed and are owned where they will have opportunity. His sons sell for long prices and are heading many leading herds.
King will pay for himself in a short time in outside service alone. He is a good server and as sure as a sire could be.
Pedigree, Price and Photo on application.

Francis M. Jones

Oneida Co. CLINTON, N. Y.

The Balsams Stock Farm

BALSAM RHODA SEGIS

A young bull backed up by production. He combines the blood of Sir Korndyke Pontiac Artis, Sir Korndyke Manor De Kol, Hengerveld De Kol, King Segis, Duchess Ormsby, Butter King and Johanna Rue 3d's Lad.

His sire is the son of a 24-lb. three-year cow.

His dam as a four-year-old produced on semi-official test 19596.9 lb. milk, 782.7 lb. butter, and produced this calf shortly after finishing the year.

He has a 22-lb. three-year-old sister.

He was born February 20, 1915. He has good conformation, is about half white and is the kind you are looking for.

Write today for price and other information.

HENRY S. HALE, Owner, P. A. CAMPBELL, Mgr., DIXVILLE NOTCH, N. H.

The Great Old Sires Breed On

King of the Pontiacs now has 149 A. R. O. daughters, 8 with records of 30 to 44.18 lb.—the World's Record. He is making good through both his sons and daughters.

De Kol 2d's Butter Boy 3d has 118 A. R. O. daughters (a number equalled only by King of the Pontiacs and one other,) his total for sons and daughters combined being second only to King of the Pontiacs.

We are offering Forest City King Paul No. 138162, whose sire was by King of the Pontiacs, and from one of the best daughters of De Kol 2d's Butter Boy 3d. The dam an 18-lb. cow of great merit combines the blood of Sarcastic Lad, Jessie Fobes, De Kol Burke and Mutual Friend 3d's Paul.

Forest City King Paul was born July 22, 1914, is a splendid individual, nicely marked, and well grown. Our price on him is much less than his actual worth as a breeder.

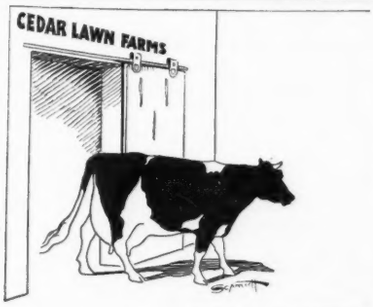
COOLEY FARMS,

OWNED BY THE CITY OF CLEVELAND

Address all correspondence to

JAS. A. REYNOLDS, Supt., Warrensville, Ohio

Home of the Junior 2-yr.-old Champion of the World.



CEDAR LAWN FARMS

When Johanna De Kol Van Beers left her old home at Cedar Lawn Farms, her sire and dam had impressed upon her the importance of capacity, quality and conformation necessary for high production. By 33 years of careful breeding, these characteristics have become established as prepotent.

Our 200 head comprise 42 daughters and about 100 granddaughters of Sir Johanna De Kol. No other herd has so many close relatives of Johanna De Kol Van Beers.

C. A. SCHROEDER & SONS, WEST BEND, WIS.

C. A. SCHROEDER W. C. SCHROEDER H. F. SCHROEDER

I. J. CASE'S SIXTH ANNUAL SALE

TO BE HELD AT

BROOKDALE STOCK FARM,

ALTA, ILLINOIS,

MAY 27th, 1915.

These cattle contain much of the popular blood lines, many of my own offering will be bred to the great young sire which heads our herd, namely Towanda Spring Farm Pontiac De Kol No. 129786, a son of the 44-lb. $15,000 Spring Farm Pontiac Cornucopia.

The record of the two dams of Towanda Spring Farm Pontiac De Kol average 38.72 lbs. butter in seven days and his dam has an official record averaging 97 lbs. milk for 120 consecutive days, and in 300 days produced 20261 lbs. milk.

This royal bred sire is largely white, straight and square, of showyard quality.

J. W. Garvey will consign 30 head, 5 males from Pontiac Jewel Butter Boy, and ten of his daughters. 2 of these from a 32 lb. cow and one from a 31 lb. cow. A number of choice A. R. O. cows many close springers, a fine lot of young heifers, yearling bulls sired by King of the Korndykes. Bull calves and a goodly number of nicely marked heifer calves.

To the number of nearly 100 head will be sold at this sale. More milk and healthier cows, AND MUCH HIGHER PRICES IN THE NEAR FUTURE ARE ASSURED.

CONSIGNORS

I. J. Case	J. W. Garvey
J. W. Flanegan	Sumner Livingston
A. Y. Bartholomew	W. F. Scholes
George White	H. F. Adams

THE CAZENOVIA SALE

is our Seventh Consignment Sale and not only are the cattle in this sale of higher average quality than those of our former sales, but also of better quality than the cattle of any sale held in the state this year. This is a pretty broad statement for you will remember that we have obtained some exceptional prices, including the Dollar sale which averaged over $851 per head.

At this sale will be found breeders from every section of America in which Holstein-Friesian cattle are to be found and it is the idea of the consignors to sell only such animals as they can recommend, animals that represent an exceptionally high type of Holstein-Friesian excellence. In the sale, therefore, will be found several 30-lb. cows, an extra large number of daughters of these high record cows and bulls fit to head the best of herds.

In the next issue of the WORLD we will tell you more about them.

Here are Seven to Think About

Fairview Rag Apple De Kol (daughter of Rag Apple Korndyke)
Butter 7 days 6 y 37.09
Butter 7 day 4 y 31.65

Iona De Kol Burke (a granddaughter of De Kol Burke)
Butter 7 days 33.51
Milk 582.5

Aaggie Wayne Calamity Jane (granddaughter of Calamity Jane's Paul A)
Butter 7 days 32.53
Milk 603.90

Violet Mercedes La Polka (granddaughter of De Kol 2d's Butter Boy 3d)
Butter 7 days 31.45
Milk 614.4

Canary Barnum Perfection (daughter of Canary Sir Barnum Mechthilde)
Butter 7 days 30.84
Milk 560.1

Box Elders Dora (granddaughter of Calamity De Kol Paul)
Butter 7 days 30.16
Milk 561.00

Woodcrest Dora De Kol
Butter 7 days 35.89
Milk 648.40
Butter 30 days 135.76
Milk 2778.70

Hardly one of the females consigned appears to have reached her capacity and the young things are as promising a lot as we have ever seen. There will be

200 HEAD

of good ones. Watch the WORLD for further announcements and remember the place and date.

Cazenovia, N. Y. JUNE 3-4, 1915

Cazenovia is but 20 miles from Syracuse and is easily reached by either rail or automobile.

For further information address the sale managers:—

Liverpool Sale and Pedigree Co., Inc.

Liverpool, New York

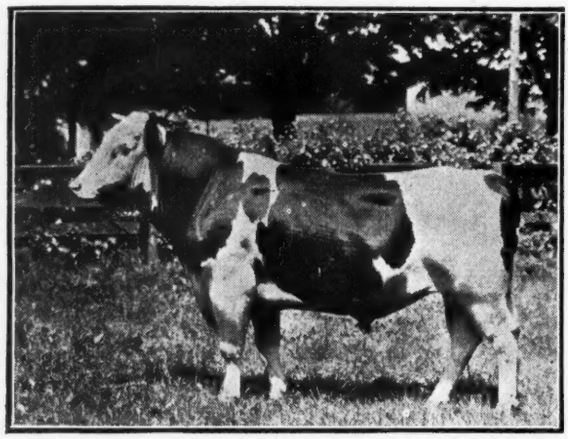
WORLD'S RECORD

SADIE VALE CONCORDIA makes 41.06 lb.

Her daughter, SADIE VALE CONCORDIA 4th PIETJE, 38.435 lb.

(World's Record for cow and daughter)

Her Son



King Korndyke Sadie Vale 86215

The Greatest Young Sire of the Breed

First: Perhaps the greatest of all; his first and only three daughters to freshen just 2 yr. 2 mo. old average nearly 24-lb.—a feat accomplished by no other sire living or dead.

Second: His dam, 41.06 lb. in 7 days, 163.102 lb. in 30 days, shows her wonderful transmitting ability through daughter as well, his sister, Sadie Vale Concordia 4th's Pietje, making 38.435 lb. in 7 days, 152.25 lb. in 30 days—a World's Record for both 7 and 30 days.

Thirds Both his Grandams have been the best cows in the world for their time. Sadie Vale Concordia, 30.640 butter, 694.4 lb. milk in 7 days—104.70 lb. best day's milk —the first 30-lb. cow. Pontiac Clothilde De Kol 2d, 37.210 lb. butter, 646.1 lb. milk—the first 37-lb. cow.

Fourth: Not only is he backed up with 30-lb. cows but his daw, 41.06—grandam, 37.21 (sire's side), grandam (dam's side), 30.64. Sister, 40.380. Sister, 38.435. All average more than any other—37.545 lb.

King Korndyke Sadie Vale thus has the right to be in a class by himself as a sire of high producing daughters, for his breeding is unequalled.

Approved cows will be accepted for service (after the lifting of the quarantine). Send for terms, and pedigree of the bull.

BROTHERTOWN FARMS

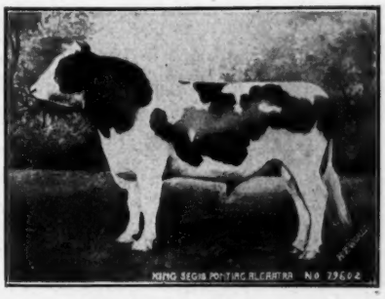
QUENTIN McADAM, Prop.
Utica, N. Y.

Address all correspondence to
W. A. SALISBURY, Sup't.
Waterville, N. Y.

SPECIAL—We have 5 sons of the 44-lb. bull, Spring Farm Pontiac Cornucopia left, that must be sold at once. They are from some of our best cows, and we are quoting them very cheap considering breeding and individuality.

KING SEGIS PONTIAC ALCARTRA 79602

is now four years and four months of age and his first six daughters to freshen have all made A. R. O. records for 7 days, an average of better than 20 lbs. Five of them making from 20 to 25.18 lbs. of butter in 7 days, and as high as 102.01 lb. butter in 30 days.



This, everybody will concede, is a remarkable showing and of no less importance to the breed because unusual results were expected from the offspring of this young Sire. His wonderful individuality and combination of breeding and records, he has now proven his ability to transmit these qualities.

The "King" now has over 125 living daughters and about 150 head are safe in calf to him. He has over 50 sons at the head of some of the best herds in this country and Canada.

The demand for his sons is easily equal to the supply for we have only three on hand, and they only a few days old. One of them from better than a 30 lb. cow, the others from good record young cows.

The calves are light in color, well marked and nice straight youngsters.

You had better buy one and raise it yourself. They never will be any cheaper than right now.

LAWSON HOLDING CO., Inc.

La Grangeville, Dutchess Co., NEW YORK.

WOODLAKE AND CLOVER FARMS

Will You Consider

KING KORNDYKE COLANTHA ORMSBY.

HEADING YOUR HERD with a straight, long well-bodied, handsomely marked, young bull of splendid type and finish?

A son of KING KORNDYKE COLANTHA ORMSBY 96546 who combines in closest relation the World's Record cows, Pietertje Maid Ormsby, Colantha 4th's Johanna, Grace Fayne 2d's Homestead, Pontiac Pet and Pontiac Clothilde De Kol 2d, the blood of the highest priced bulls on record.

OR a son of SIR KORNDYKE HENGERVELD DE KOL 41266 that would give you type and production of the Hengerveld De Kol, Pontiac Korndyke and Sir Ormsby Hengerveld De Kol combination.

OR a son of MAPLECREST BUTTER BOY DE KOL 94156, who is seventy-five per cent. brother of Banostine Belle De Kol, the greatest dairy producer to date.

Sons of these bulls, fine, strong individuals, from two to sixteen months old, out of Advanced Registry cows of richest breeding, some with records of thirty to thirty-five pounds of butter in 7 days, and of most popular breeding, will give any herd a standing for production, constitution and high individual merit. *Come* and *see them*. Our prices are reasonable.

Two and one-half miles from the Minneapolis City limits, on Lyndale Ave. South of Irwin Station on the Dan Patch line.

John B. Irwin

Station F. Minneapolis, Minn.

THE OTHER WAY OF LOOKING AT IT

When we look at the pedigree of an animal, we are apt to judge it very largely by the record of the dam, grandam and great grandam, etc., and by the popularity of the sires, in other words, we judge the animals by what is back of them.

Supposing we turn it around, take the ancestors and judge the pedigree by what those ancestors have produced, in other words, judge the pedigree by the ability of the ancestors to get producers. Wouldn't we come nearer arriving at the true value of an animal as a breeding proposition in this way?

Take Spring Farm King Pontiac 6th, you know his extreme record ancestry, judged in this way he is in a class alone, judged by the ability of his ancestors to get producers through succeeding generations, we believe he shows up equally as well.

In the first four generations back of Spring Farm King Pontiac 6th are sires and dams with a total list of thirty-three or more daughters with records ranging from 30 to over 40 lbs. each. These same four generations have a total list of granddaughters with records of 30 lbs. or better of over 130, and if you figure De Kol 2d's Butter Boy 3d twice, where he appears in the pedigree twice, it will make the list in considerable excess of 150. The same four generations back of Spring Farm King Pontiac 6th, have a total list of great granddaughters of over 30 lbs. each well above 150 and of 30 lb. great great granddaughters there are nearly 200.

The data for this is practically all taken from the last Blue Book, and we presume that there are many others that we have missed, but the point is this, the ancestors of Spring Farm King Pontiac 6th have themselves been great producers. As we have often said before we believe he carries a larger per cent of extreme high producing blood than any other bull in service.

His ancestors, for four generations back of him, have shown the power to transmit their great producing qualities through succeeding generations, to an exceptional degree. This is collateral breeding. This the part of his pedigree that guarantees to us, as much as anything possibly can, that the daughters and granddaughters of Spring Farm King Pontiac 6th will be producers.

Extreme record ancestry is a great thing to talk about, but its actual value as a breeding proposition is questionable, unless, it is accompanied by an ability in these ancestors to freely reproduce this great production in succeeding generations.

The more you know of Spring Farm King Pontiac 6th, the more you consider his individuality, his extreme record ancestry, and more than that, his collateral breeding, the more you will be bound to acknowledge his superiority.

Sons of his and females bred to him, for sale at all times.

Service fee $200.

Henry Stevens & Son

BROOKSIDE STOCK FARM

Lacona, N. Y.

Established by Henry Stevens 1876 175 Head